

Service Manual



Colour Television

TX-14S2T

TC-14S2R

Z5 - Chassis

Specifications

Power Source :	220V - 240V AC, 50Hz	High Voltage :	23.0 KV+0.7 / -1.0kV (zero beam current)
Power Consumption :	43W	Picture Tube :	A34EFU33X91 36cm V 90° measured diagonally
Aerial Impedance :	75Ω unbalanced, Coaxial Type	Audio Output :	
Receiving System :	PAL- I (UHF) PAL- 60	Internal Speaker	5W
Receiving Channels :	UHF E21 - E69	Speaker	8Ω Impedance
Intermediate Frequency :	Video 39.5 MHz Sound 33.5 MHz Colour 35.07 MHz (PAL)	Accessories supplied :	Remote Control R6 (UM3) Battery Loop Antenna
Video / Audio Terminals :		Dimensions :	Height : 364mm Width : 389mm Depth : 384mm
AV1 IN	Video (21 pin) 1 Vp-p 75Ω Audio (21 pin) 500mV rms 10kΩ RGB (21 pin)	Net Weight	10Kg
AV1 OUT	Video (21 pin) 1Vp-p 75Ω Audio (21 pin) 500mV rms 1kΩ	Specifications are subject to change without notice. Weight and dimensions shown are approximate.	
RCA IN	Video 1Vp-p 75Ω Audio 500 mV rms 1kΩ		

NOTE

Replacement C.R.T's are NOT interchangeable
Replacement C.R.T must be the same part No. as originally fitted.
For part No. please refer to replacement parts list.

IMPORTANT

This receiver uses a HOT chassis, after service please ensure that the chassis is returned to its correct position.
Particular care being taken to the position of the customer controls.
Failure to do so could endanger customer safety.

Panasonic

Panasonic (UK) Ltd.
WILLOUGHBY ROAD,
BRACKNELL, BERKS,
RG12 4FP.

Contents

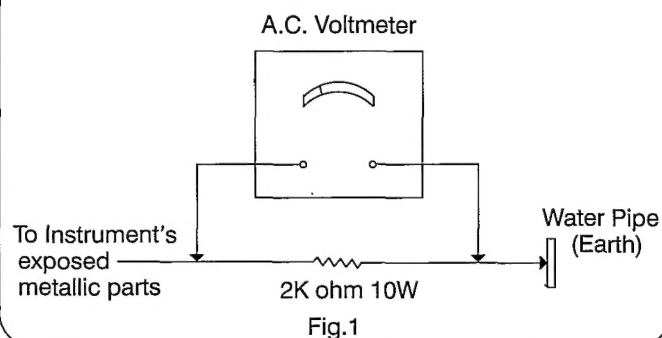
Safety Precautions	2
Location of Controls	3
Service Position	3
Adjustment Procedure	4
Block Diagrams	7
Conductor Views	11
Schematic Diagrams	14
Exploded Views	17
Parts List	18

Safety Precautions

General Guide Lines

1. It is advisable to insert an isolation transformer in the AC supply before servicing a hot chassis.
2. When servicing, observe the original lead dress in the high voltage circuits. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
3. After servicing, see that all the protective devices such as insulation barriers, insulation papers, shields and isolation R-C combinations are correctly installed.
4. When the receiver is not being used for a long period of time, unplug the power cord from the AC outlet.
5. Potentials as high as 24kV are present when this receiver is in operation. Operation of the receiver without the rear cover involves the danger of a shock hazard from the receiver power supply. Servicing should not be attempted by anyone who is not familiar with the precautions necessary when working on high voltage equipment. Always discharge the anode of the picture tube before handling the tube.
6. After servicing make the following leakage current checks to prevent the customer from being exposed to shock hazards.
6. The potential at any point should not exceed 1.4 Vrms. In case a measurement is outside the limits specified, there is a possibility of a shock hazard, and the receiver should be repaired and rechecked before it is returned to the customer.

HOT CHECK CIRCUIT



Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs of the plug.
2. Turn on the receiver's power switch.
3. Measure the resistance value with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the receiver, such as screw heads, aerials, connectors, control shafts etc. When the exposed metallic part has a return path to the chassis the reading should be between 4M Ω and 20M Ω . When the exposed metal does not have a return path to the chassis the reading must be infinite.

Leakage Current Hot Check

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 2k ohm 10W resistor in series with an exposed metallic part on the receiver and an earth such as a water pipe.
3. Use an AC voltmeter with high impedance to measure the potential across the resistor.
4. Check each exposed Metallic part and check the voltage at each point.
5. Reverse the AC plug at the outlet and repeat each of the above measurements.

X-Radiation Warning

1. The potential sources of X-Radiation in TV sets are the high voltage section and the picture tube.
2. When using a picture tube test jig for service ensure that the jig is capable of handling 24kV without causing X-Radiation.

NOTE : It is important to use an accurate periodically calibrated high voltage meter.

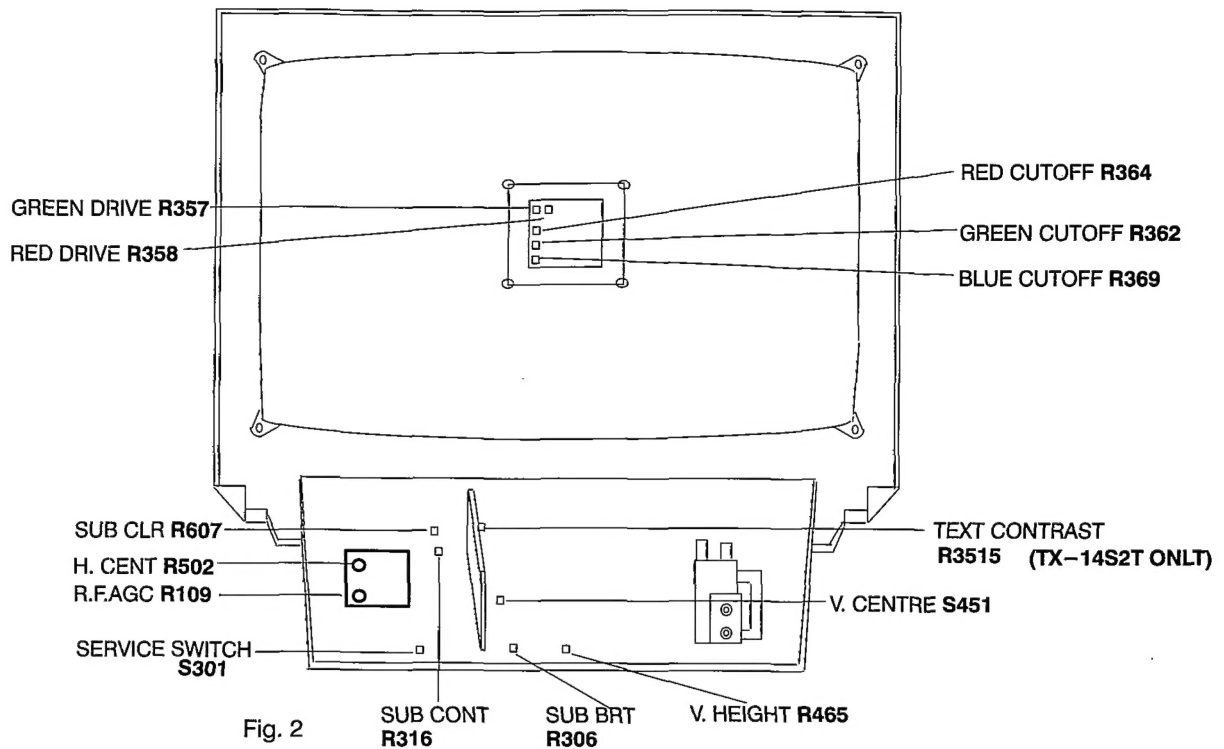
1. Set the brightness to minimum.
2. Measure the high voltage. The meter should indicate: $-23.0\text{kV} +0.7\text{kV} / -1.0\text{kV}$ if the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.
3. To prevent an X-Radiation possibility, it is essential to use the specified tube.

SHUT DOWN CIRCUIT TEST

This test must be made as a final check before the set is returned to the customer.

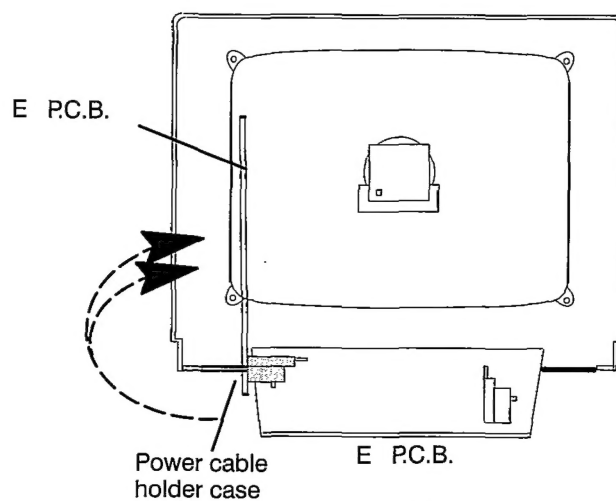
1. Receive the Phillips pattern.
2. Check that the shut-down circuit functions when -60V is applied to TPE7, but does not function when -40V is applied.

Location Of Controls



How to move the chassis into the Service position

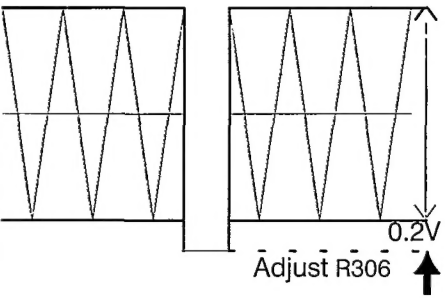
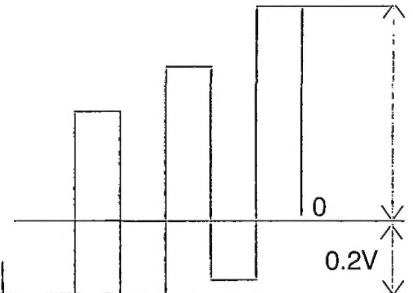
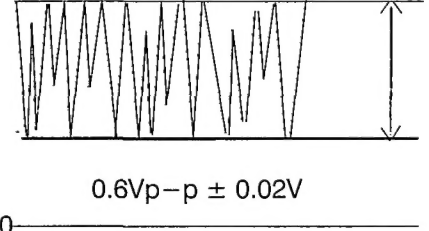
1. Hold and lift the rear of the E- PCB chassis and gently pull the chassis toward you.
2. Release the respective wiring clips and rotate the chassis clockwise. Slide the lower edge of the chassis into the power cable holder case whilst sliding the upper edge of the board into the chassis holding rib.
3. After servicing ensure all wiring is returned to its original position before returning the receiver to the customer.



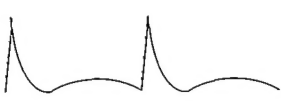
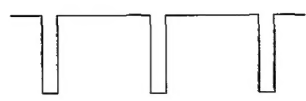
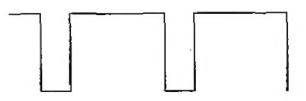
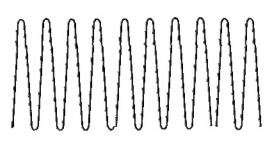
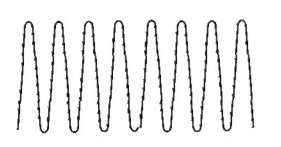
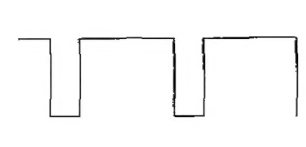
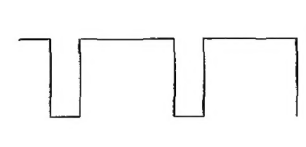
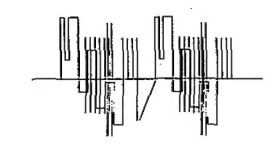
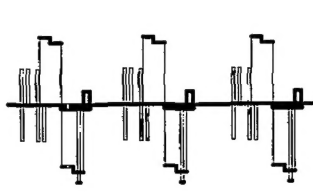
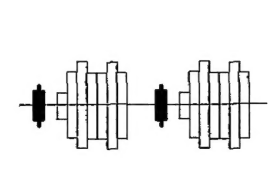
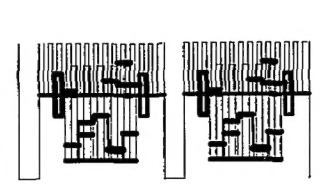
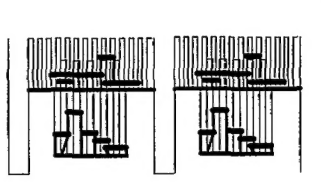
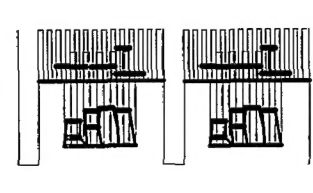
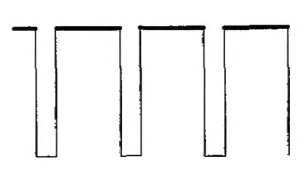
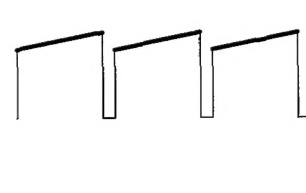

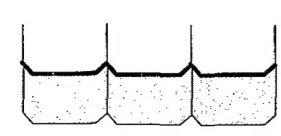
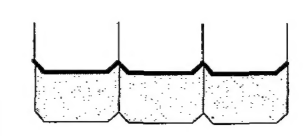
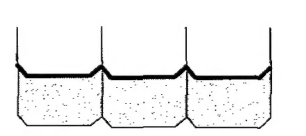
ADJUSTMENTS

ITEM/PREPARATION	ADJUSTMENT PROCEDURE
B VOLTAGE 1. Operate the TV set. 2. Set controls : Bright (R318) minimum Sub Bright R306 minimum Contrast minimum Beam Current Zero	1. Confirm the indicated test points for the specified voltage. TPE 10: 135V \pm 10V TPE 13: 103V \pm 1.5V TPE 11: 21V \pm 2V TPE 1: 11V \pm 1V TPE 6: 26.7V \pm 1.5V TPE 9: 23.3V \pm 1.0V TPE 4: 15.5V \pm 1.0V TPE 5: 12.0V \pm 1.0V TPE 3: 8.0V \pm 1.0V TPE 2: 5.0V \pm 0.3V TPE 14: 30V \pm 2.5V
AFC 1. Operate the TV set. 2. Connect a DVM to TPE58 .	1. Apply 39.5 Mhz continuous wave to TPE54 (IF pin of Tuner) (0.5Vp-p/75 Ω) 2. Adjust L104 so that voltage at TPE58 becomes $2.5 \pm 0.1V$. 3. Change the frequency and confirm the voltage as shown below. + 100kHz: Less than 1.0V - 100kHz: more than 4.0V
RF AGC 1. Receive the Philips pattern. 2. Set the input level to 63 ± 2 dB (75 Ω open). 3. Connect an oscilloscope to TPE59 (RF AGC terminal).	1. Turn RF AGC control R109 fully counterclockwise. 2. Slowly turn RF AGC control clockwise to set it at the point just before voltage at TPE59 starts to fall.
HIGH VOLTAGE 1. Receive a crosshatch pattern. 2. Set Contrast, Bright and Sub-Bright controls to their minimum positions (Zero beam current).	1. Connect a high voltage meter (Electrostatic type) to an anode of the picture tube. 2. Confirm that the high voltage is within a range of 23.0Kv +0.7kV / -1.0kV

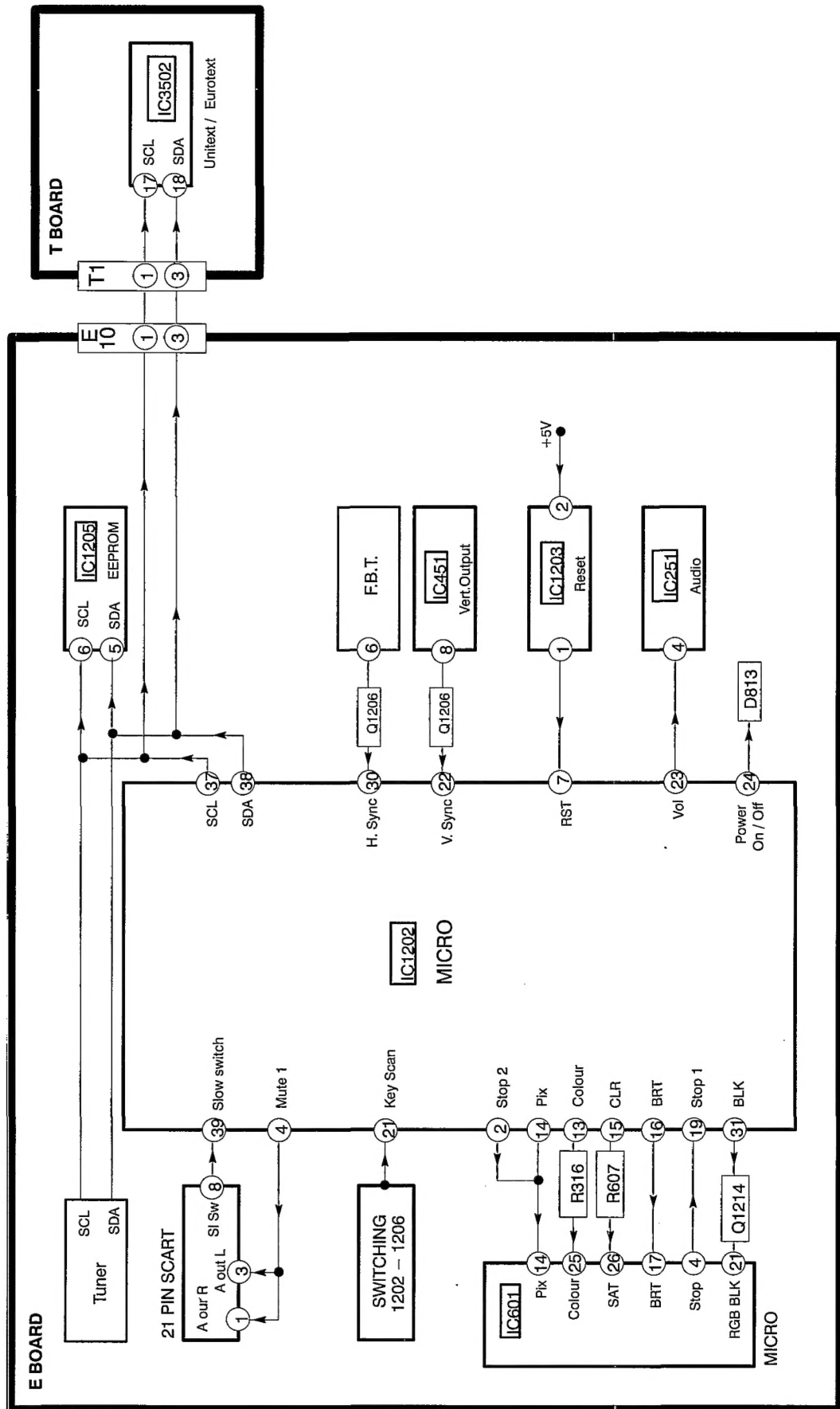
ADJUSTMENTS

<p>SUB CONTRAST</p> <ol style="list-style-type: none"> 1. Receive a Philips pattern. (Input level 75dB). 2. Connect an oscilloscope to TPE15. 3. Set controls to : <ul style="list-style-type: none"> Brightness minimum Contrast maximum Colour minimum Pix minimum 	<ol style="list-style-type: none"> 1. Adjust Sub brightness R306 to set the black level to 0.2V. 2. Adjust the Sub contrast (R316) to set the drive voltage to 2.1V+/- 0.1V-p 	<p>Adjust R316 2.1V+/- 0.1V-p</p>  <p>0.2V</p> <p>Adjust R306</p> <p>Fig.4.</p>
<p>SUB COLOUR</p> <ol style="list-style-type: none"> 1. Receive a PAL colour bar pattern. 2. Set controls to: <ul style="list-style-type: none"> Brightness minimum Contrast maximum Colour centre PIX minimum 3. Connect an oscilloscope to TPE15. 	<ol style="list-style-type: none"> 1. Adjust the sub colour (R607) for 1.2Vp-p +/- 0.1V at TPE15 as shown in Fig.5. 	<p>1.2Vp-p +/- 0.1V</p>  <p>0</p> <p>0.2V</p> <p>Fig.5.</p>
<p>TEXT CONTRAST (TX-14S2T ONLY)</p> <ol style="list-style-type: none"> 1. Receive a teletext signal. 2. Connect an oscilloscope T2 pin 5. 	<ol style="list-style-type: none"> 1. Adjust R3515 to obtain the waveform as shown in fig. 6. 	 <p>0.6Vp-p ± 0.02V</p> <p>0</p> <p>Fig. 6.</p>

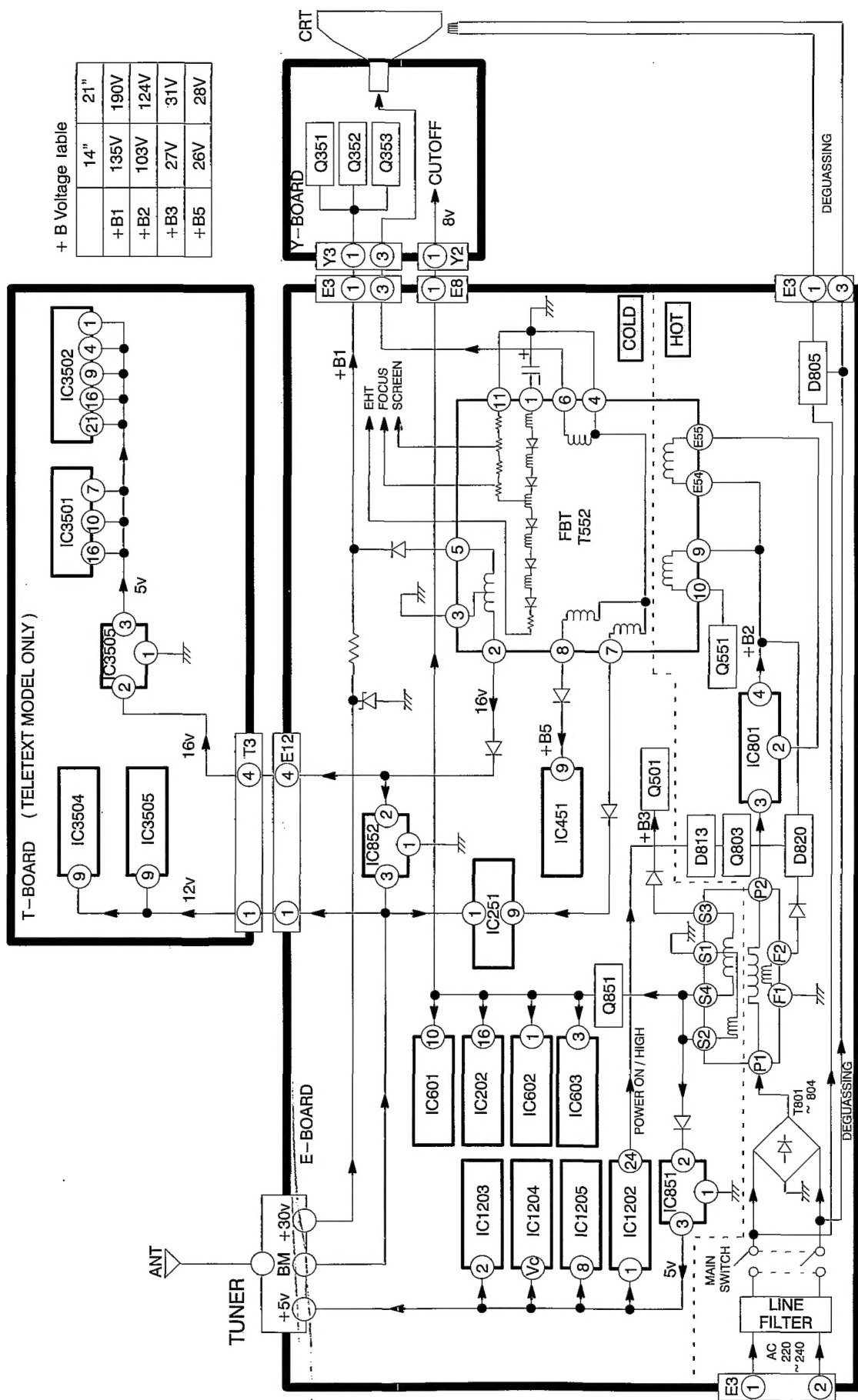
WAVEFORM PATTERN TABLE

<p>IC451 pin 8</p>  <p>Vert Out IC IN</p>	<p>IC1202 pin 30</p>  <p>H.Sync</p>	<p>IC1202 pin 37</p>  <p>SCL</p>	<p>IC 1202 pin 35</p>  <p>OSC.2</p>
<p>IC1202 pin 36</p>  <p>OSC.1</p>	<p>IC1202 pin 38</p>  <p>SDA</p>	<p>IC1202 pin 39</p>  <p>Slow Switch</p>	<p>IC601 pin 31</p>  <p>'BY' Out</p>
<p>IC601 pin 30</p>  <p>'RY' Out</p>	<p>IC601 pin 7</p>  <p>IF VO</p>	<p>IC601 pin 18</p>  <p>B Out</p>	<p>IC 601 pin 19</p>  <p>G Out</p>
<p>IC601 pin 20</p>  <p>R Out</p>	<p>IC601 pin 37</p>  <p>H. Out</p>	<p>IC451 pin 1</p>  <p>Vert Drive</p>	<p>BLK</p>  <p>IC3502 pin 19</p>
<p>IC3502 pin 23</p>  <p>RED</p>	<p>IC3502 pin 22</p>  <p>GREEN</p>	<p>IC3502 pin 20</p>  <p>BLUE</p>	

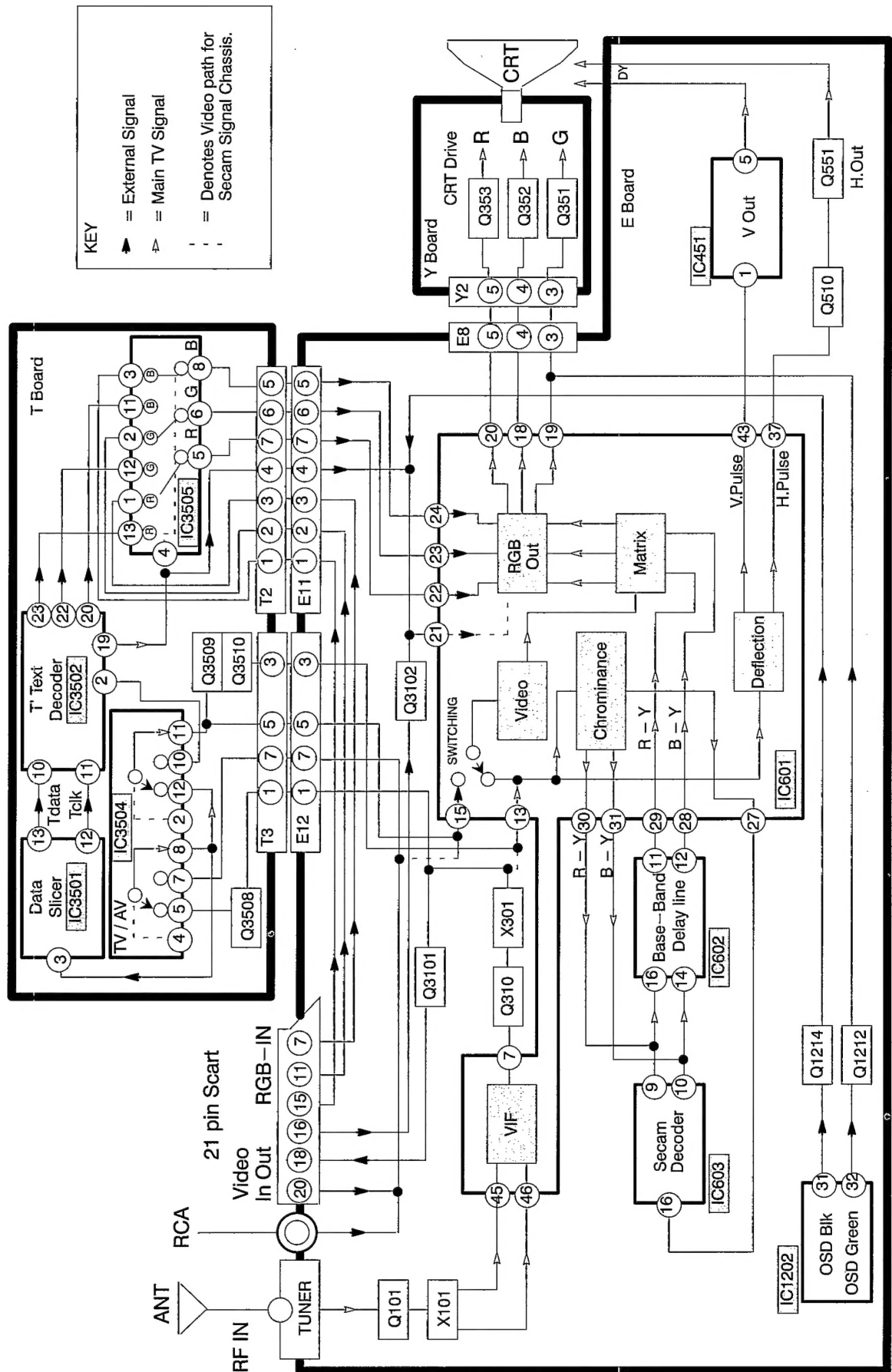
CONTROL BLOCK DIAGRAM

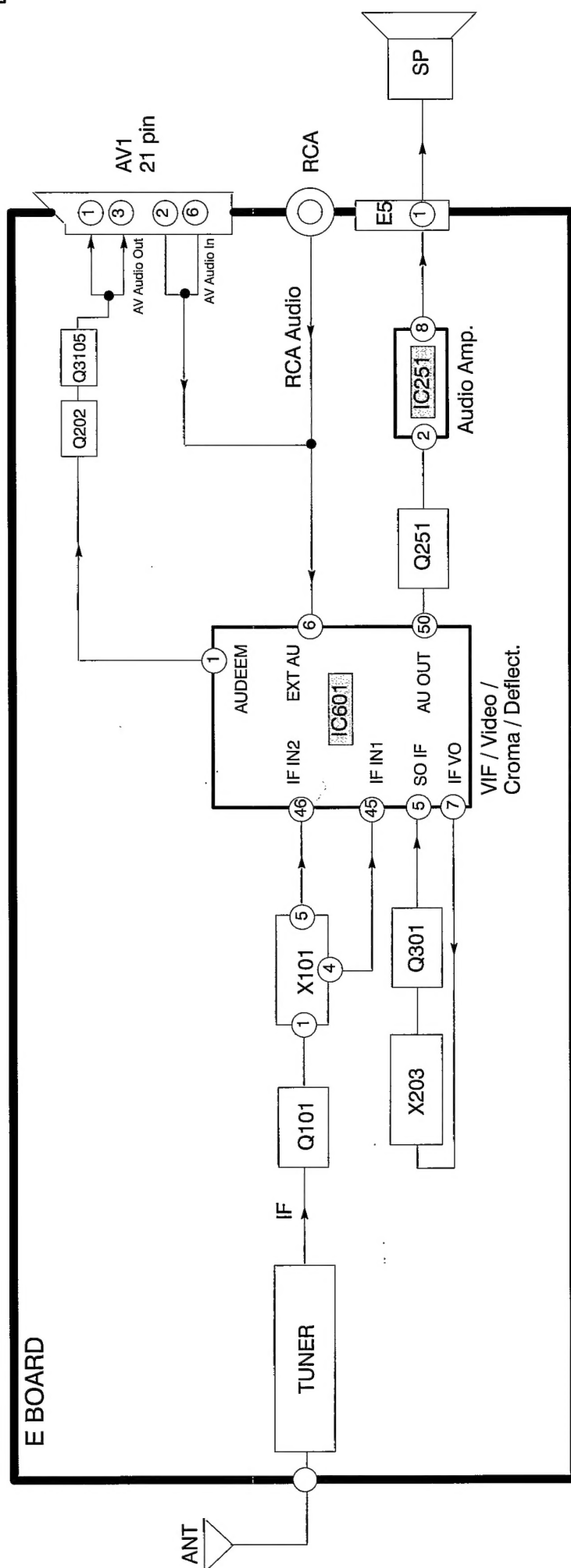


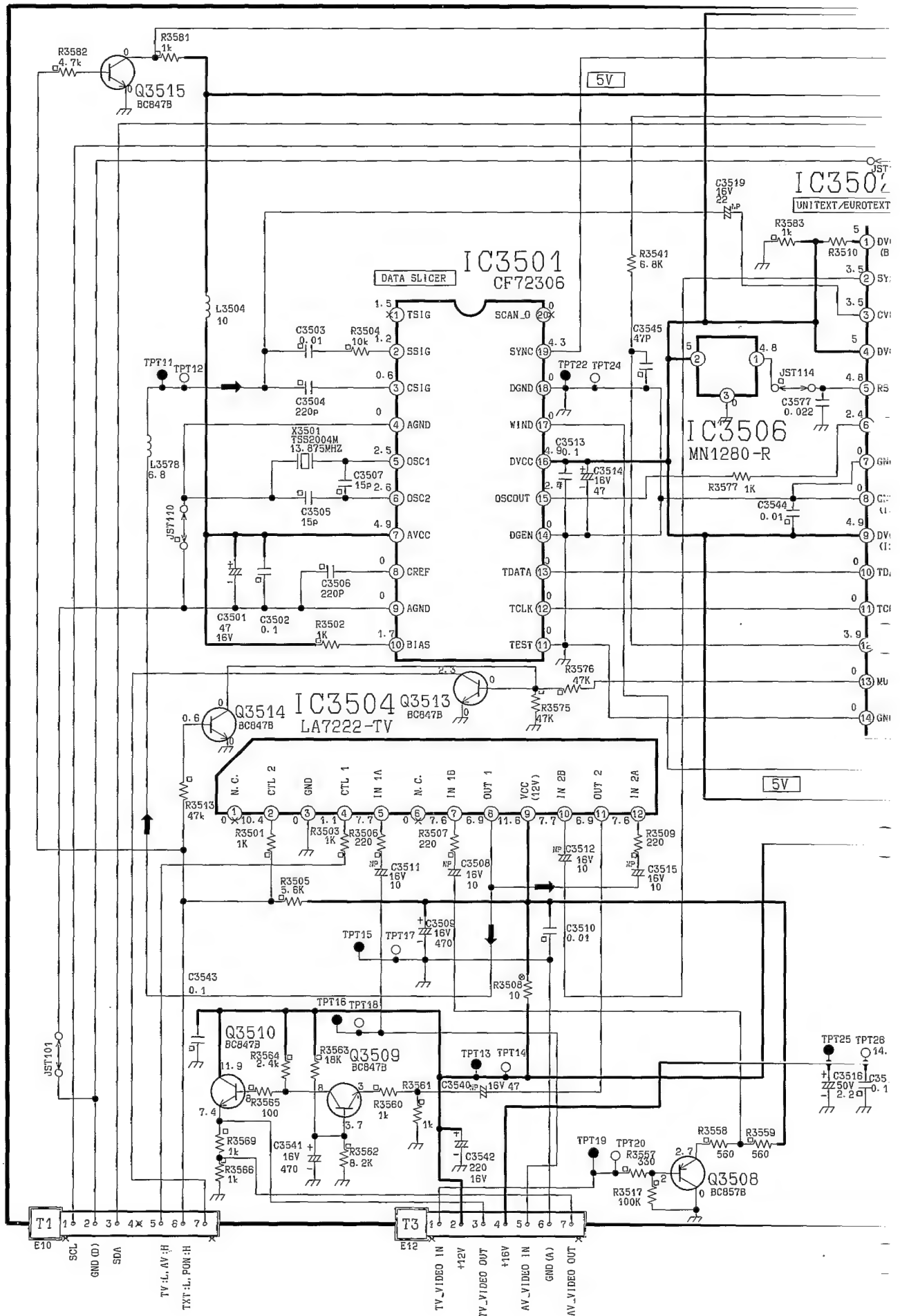
POWER SUPPLY BLOCK DIAGRAM



VIDEO BLOCK DIAGRAM

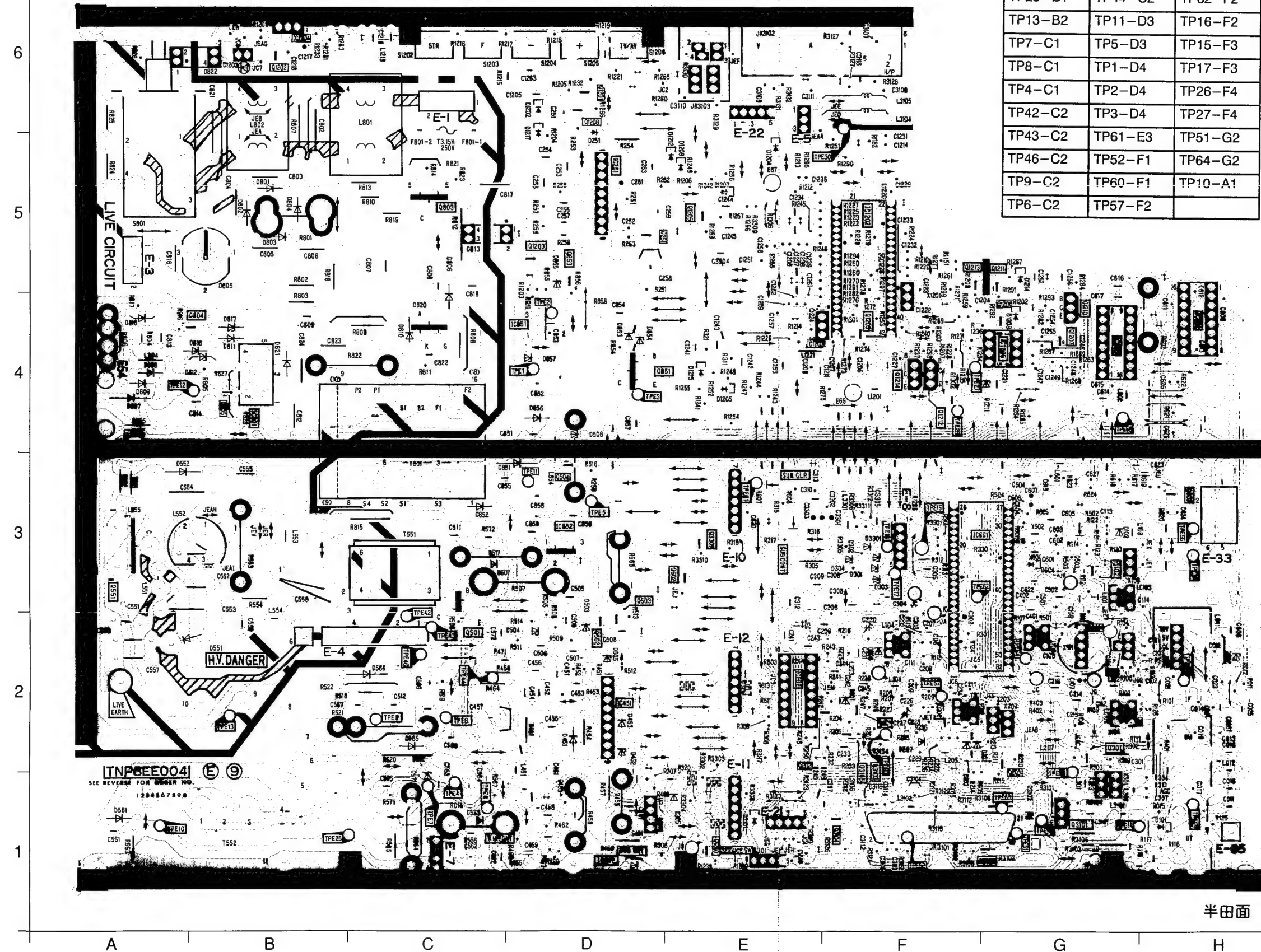






CONDUCTOR VIEWS

E BOARD TNP8EE004



E Board.

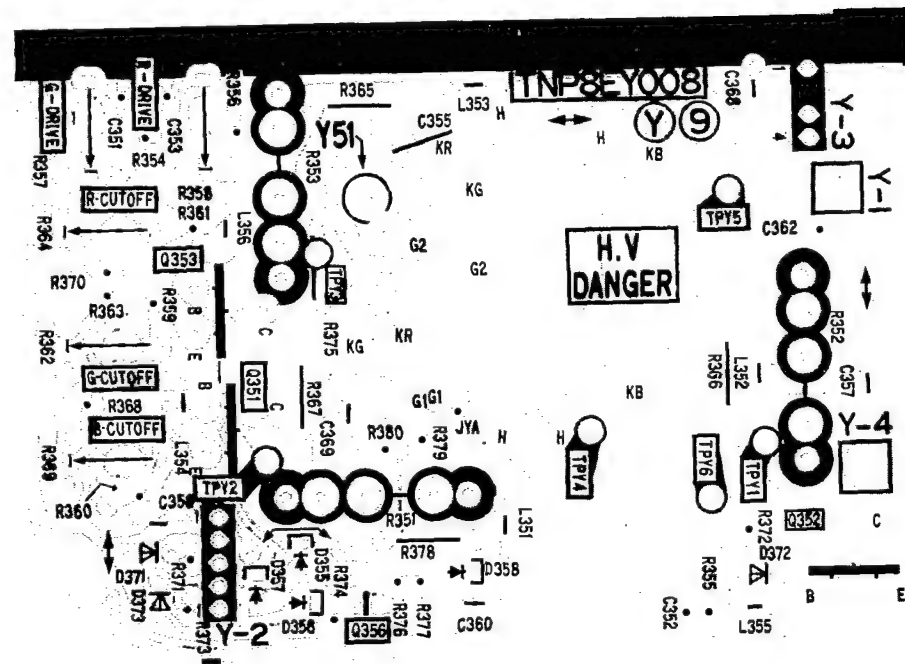
TEST NO.		
TP25-B1	TP44-C2	TP62-F2
TP13-B2	TP11-D3	TP16-F2
TP7-C1	TP5-D3	TP15-F3
TP8-C1	TP1-D4	TP17-F3
TP4-C1	TP2-D4	TP26-F4
TP42-C2	TP3-D4	TP27-F4
TP43-C2	TP61-E3	TP51-G2
TP46-C2	TP52-F1	TP64-G2
TP9-C2	TP60-F1	TP10-A1
TP6-C2	TP57-F2	

DIODES	D251-D5	TRANS.
D807-A4	D1217-D5	Q3301-E3
D809-A4	D1202-D6	Q602-E3
D808-A4	D3101-E1	Q1205-E5
D816-A4	D1205-E4	Q3104-F1
D805-A5	D1215-E4	Q3105-F1
D551-D2	D1212-E5	Q3103-F1
D817-D4	D1209-E5	Q201-F2
D821-B4	D203-F1	Q206-F2
D811-B4	D303-F2	Q1214-F4
D801-B5	D202-F2	Q1212-F4
D802-B5	D203-F2	Q1209-F4
D803-B5	D201-F2	Q1213-F4
D804-B5	D206-F2	Q203-G1
D805-B5	D301-F3	Q3101-G1
D822-B6	D302-F3	Q3102-G2
D1203-B6	D303-F3	Q301-G1
D563-C1	D3301-F3	Q203-G1
D562-C1	D3102-G1	Q101-G2
D564-C2	D102-G3	Q102-G3
D565-C2	D604-G3	Q1206-G4
D852-C3	D1211-G4	Q1210-G4
D507-C3	D1214-G4	Q1207-G4
D810-C4	D101-H1	Q603-H3
D820-C4	D602-H2	Q551-A3
D813-C5	D561-A1	Q1204-E4
D305-D1	I.C.'s	Q804-A4
D453-D2	IC012-D1	Q805-B4
D451-D2	IC451-D2	Q1202-B6
D505-D2	IC852-D3	Q501-C2
D503-D2	IC851-D4	Q803-C5
D504-D2	IC251-D5	Q502-D2
D856-D4	IC202-E2	Q503-D2
D506-D4	IC601-F3	Q503-D2
D552-A3	IC1202-F4	Q851-D4
D818-A4	IC603-G4	Q1203-D5
D855-D4	IC205-G4	Q853-D5
D853-D4	IC602-H4	Q1208-D5
D854-D4	IC801-B4	Q1201-D6
D1202-D5	IC1204-B6	Q202-E1

CONDUCTOR VIEWS
Y BOARD TNP8EY008

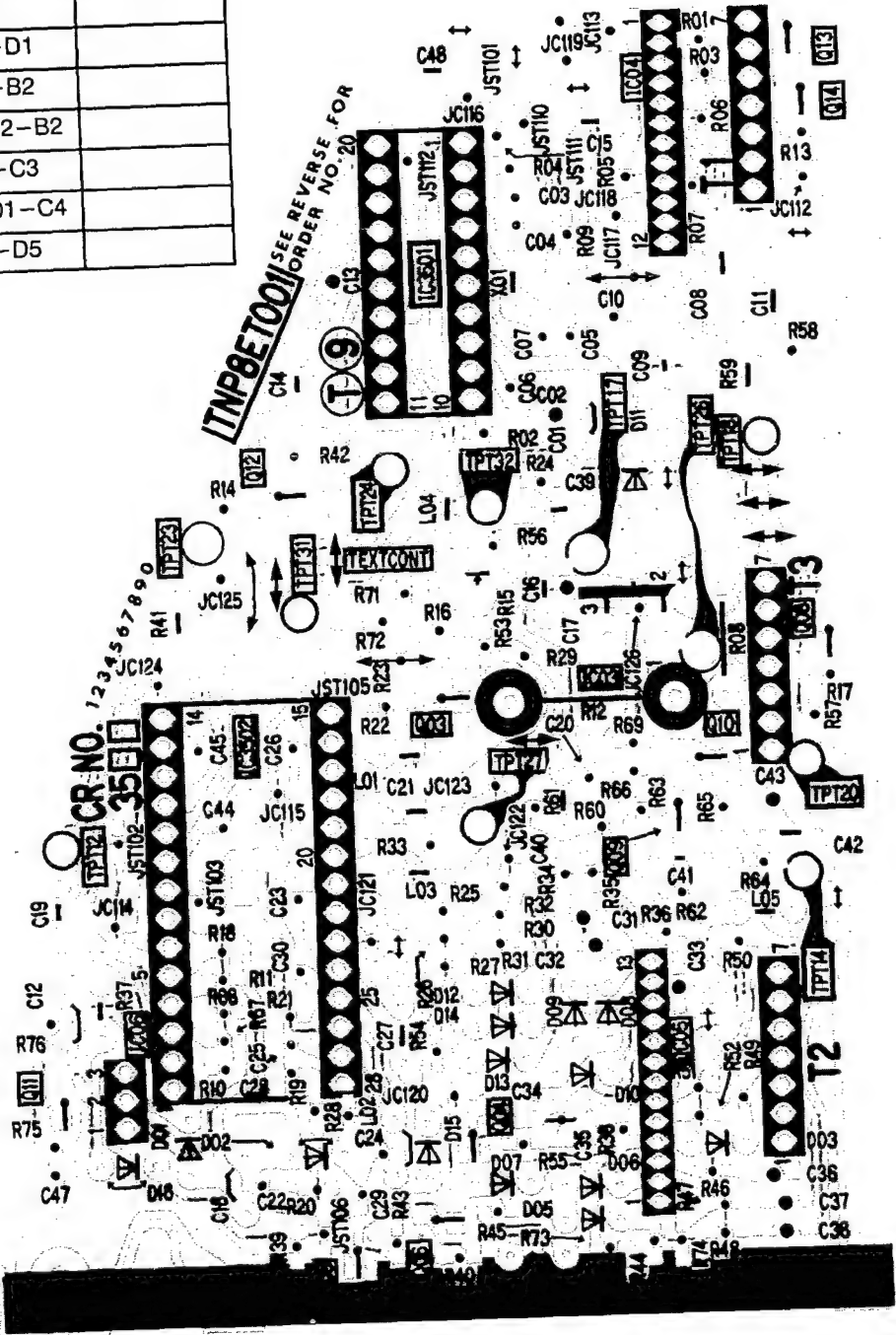
Y Board.

DIODES	TRANS.	TEST NO.
D373-A1	Q353-A2	TPY5-C2
D371-A1	Q351-B2	TPY2-B1
D357-B1	Q352-D1	TPY3-B2
D355-B1	Q356-B1	TPY4-C2
D358-C1		TPY6-C2
D372-C1		TPY1-C2
D356-B1		

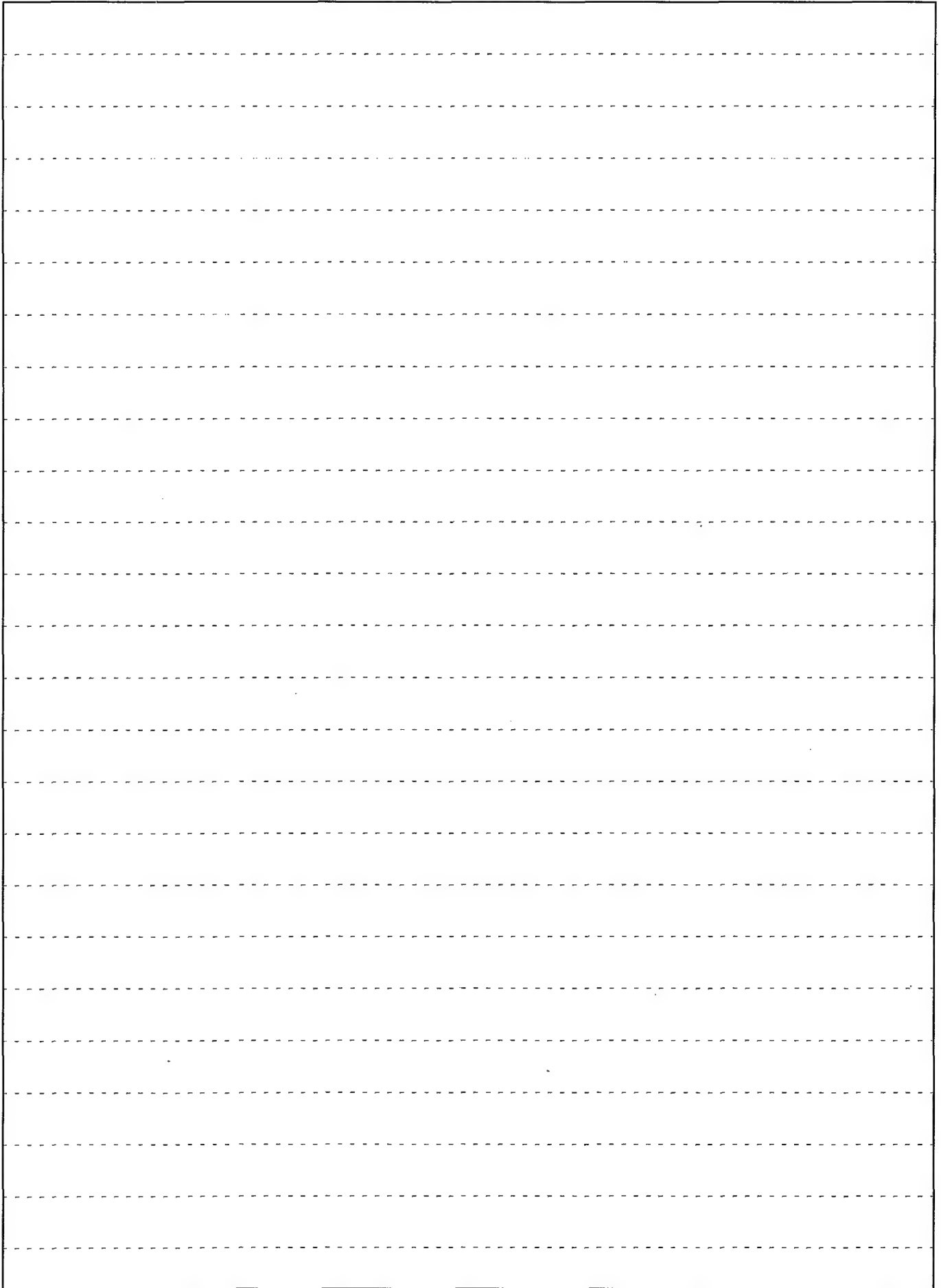


T Board.

DIODE	TRANS.	TEST NO.
D01-B1	Q05-B1	TP14-D2
D16-B1	Q06-C1	TP12-A3
D02-B1	Q11-A2	TP27-C3
D05-C1	Q04-C2	TP20-D3
D07-C1	Q03-C3	TP23-B4
D06-C1	Q09-C3	TP31-B4
D15-C1	Q08-D3	TPP24-C4
D03-D1	Q10-D3	TP32-C4
D16-B1	Q12-B4	TP17-C4
D12-C2	Q13-D5	TP26-D4
D14-C2	Q14-D5	TP18-D4
D09-C2	I.C.'s	
D13-C2	IC05-D1	
D08-C2	IC06-B2	
D10-C2	IC3502-B2	
D11-D4	IC03-C3	
	IC3501-C4	
	IC04-D5	



NOTES

A large rectangular area with horizontal dashed lines for writing notes. The area is bounded by a solid black line on the top, bottom, and sides. The interior is filled with horizontal dashed lines, providing a guide for writing.

SCHEMATIC DIAGRAM FOR MODELS TX-14S2T TC-14S2R (Z5 CHASSIS)

IMPORTANT SAFETY NOTICE

Components identified by  mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

Notes

1. **RESISTOR**
All resistors are carbon 1/4W resistor, unless marked.
Unit of resistance is OHM (Ω) (K=1,000, M=1,000,000).
2. **CAPACITOR**
All capacitors are ceramic 50V capacitors, unless marked, the unit of capacitance is μ F unless otherwise stated.
3. **COIL**
Unit of inductance is μ H, unless otherwise stated.
4. **TEST POINT**



Test Point Position

5. **EARTH SYMBOL**



Chassis Earth (cold)



Line Earth (Hot)

6. **VOLTAGE MEASUREMENT**
Voltage is measured by a DC voltmeter.
Measurement conditions are as follows:

Power source	AC 220-240V, 50Hz
Receiving Signal	Colour Bar signal (RF)
All customer controls	Maximum position

- 7.



Indicates the Video signal path

Indicates the Audio signal path

Indicates the Vertical/Horizontal signal path

8. This schematic diagram is the latest at the time of printing and is subject to change without notice.

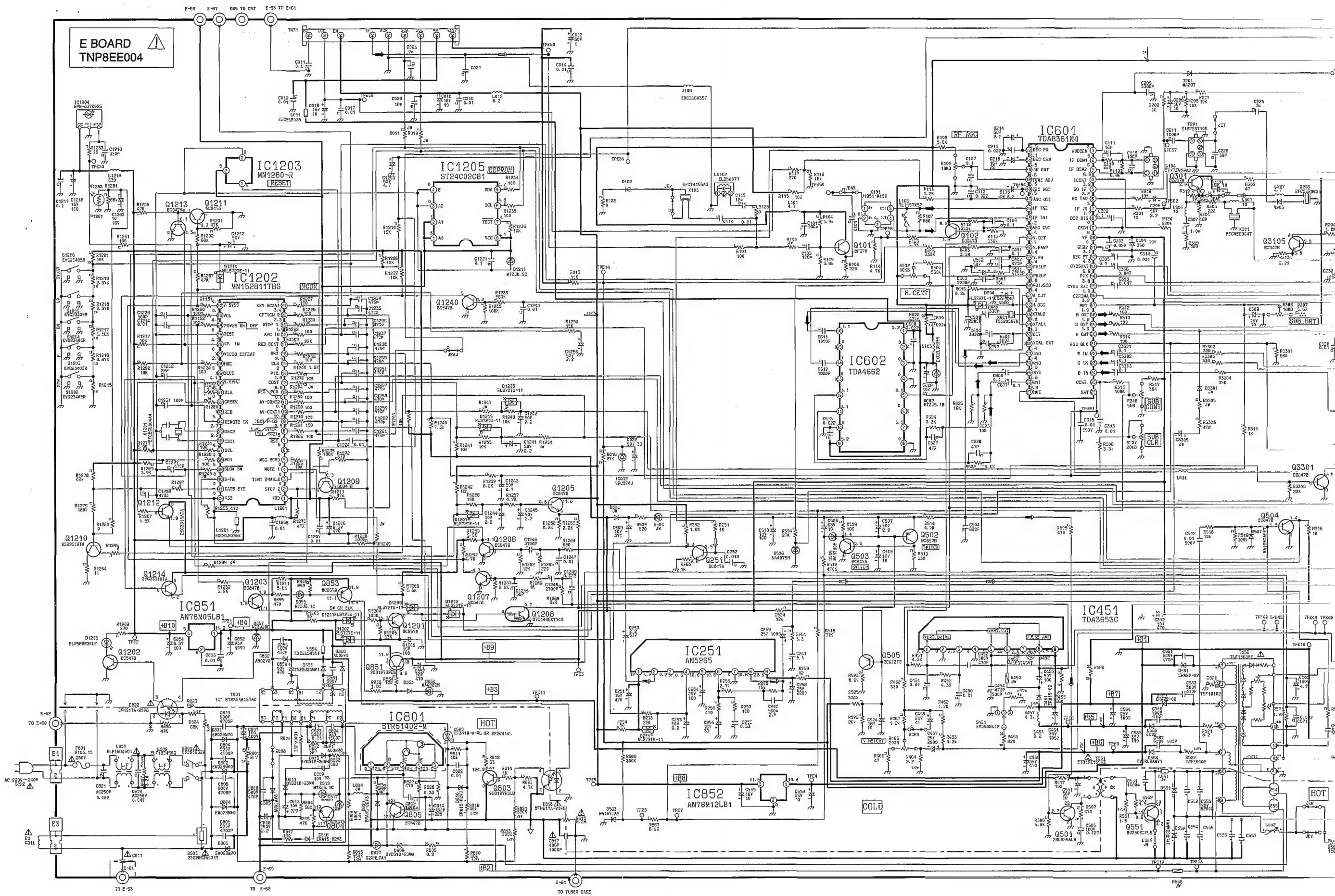
Precautions

- a. Do not touch the hot part, or the hot and cold parts at the same time, as you are liable to a shock hazard.
- b. Do not short-circuit the hot and cold circuits as electrical components may be damaged.
- c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously, as this may cause fuse failure. Connect the earth of the instruments to the earth connection of the circuit being measured.
- d. Make sure to disconnect the power plug before removing the chassis.

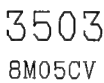
Remarks

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection. The circuit is defined by HOT and COLD indications in the schematic diagram. All circuits, except the Power Circuit, are COLD.

E - BOARD TNP8EE004



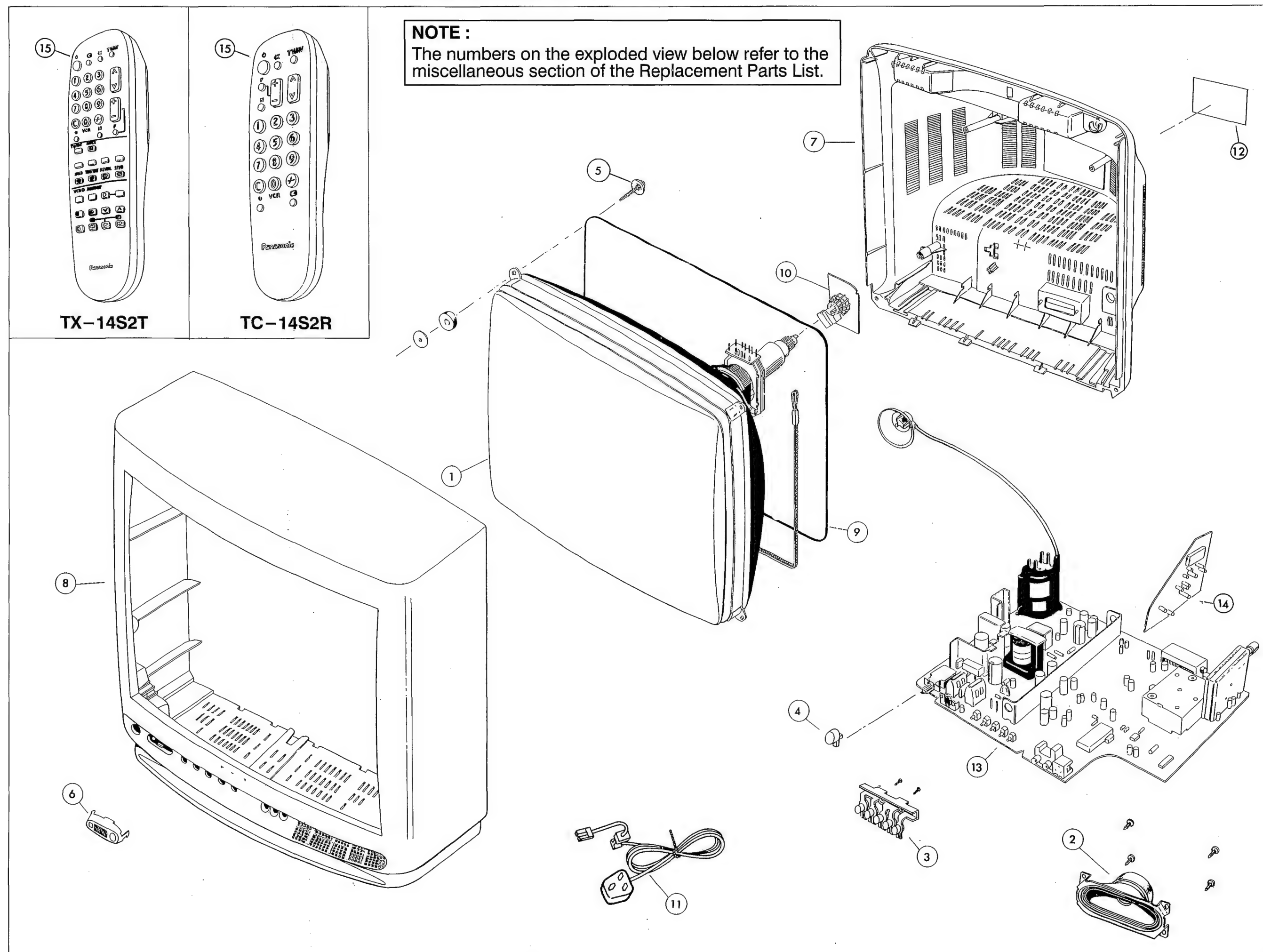
0204BNW



Y BOARD TNP8EY008

The schematic diagram illustrates the internal circuitry of the Y BOARD TNP8EY008, which is a vertical deflection board for a CRT monitor. The board is powered by a transformer (Y1) that provides +8V and -8V rails. A full-wave bridge rectifier (Q351, Q352, Q353) is used to generate the +8V rail, while the -8V rail is derived from the transformer's secondary. The heater circuit (Y3) is connected to the +8V rail. The main section of the board features a vertical deflection circuit with a TUS1A6050 tube, a vertical deflection coil (L351), and a vertical deflection yoke (Y5). The horizontal deflection circuit includes a horizontal deflection coil (L352) and a horizontal deflection yoke (Y4). The diagram also shows the connection to the CRT EHT (Electron Gun Heater) and the CRT EHT (Electron Gun Heater) terminal. The board is labeled Y BOARD TNP8EY008.

PARTS LOCATION FOR TX-14S2T/TC-14S2R



REPLACEMENT PARTS LIST

Important Safety Notice

Components identified by Δ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

Ref No.	Part No.	Description
MISCELLANEOUS COMPONENTS		
1)	A34EFU33X91	CRT
2)	EASG9D541B2	SPEAKER
3)	TBX8E019	KEY BUTTON
4)	TBX8E018	POWER BUTTON
5)	THE492-4	CRT FIXING SCREW
6)	TKP8E1104	SMOKED PANEL
7)	TKU8E00250	BACK COVER
8)	TKY8E028	CABINET
9)	TLK8E05111	DEGAUSS COIL
10)	TNP8EY008AJ	Y P.C.B.
11)	TSX8E0017	POWER CORD
	TBM153023	PANASONIC BADGE
	TES4174	SPRING (EARTH FOR TUNER)
	TPC8E4520	OUTER CARTON
	TPD8E562	CUSHION
	TQB8E2153-1	INST BOOK
	TSABE001	LOOP ANTENNA
	UM-3DEP-2P	BATTERY
TNR1	ENV87877G3Y	TUNER
CAPACITORS		
C011	ECQM1H104J	FILM 50V 100nF
C012	ECUV1H103ZFX	S.M. CAP 50V 10nF
C013	ECEA1HU010	ELECT 50V 1μF
C014	ECUV1H103ZFX	S.M. CAP 50V 10nF
C016	ECEA1CU100	ELECT 16V 10μF
C017	ECUV1H103ZFX	S.M. CAP 50V 10nF
C018	ECEA1CU100	ELECT 16V 10μF
C019	ECUV1H103ZFX	S.M. CAP 50V 10nF
C021	ECUV1H080DCX	S.M. CAP 50V 80pF
C022	ECEA1HGE330	ELECT 50V 33μF
C023	ECUV1H070DCX	S.M. CAP 50V 7pF
C026	ECCR1H180J	CERAMIC 50V 18pF
C101	ECUV1H101JCX	S.M. CAP 50V 100pF
C103	ECUV1H101JCX	S.M. CAP 50V 100pF
C104	ECUV1H103ZFX	S.M. CAP 50V 10nF
C107	ECUV1H104ZFW	S.M. CAP 50V 100nF
C108	ECEA1HU2R2	ELECT 50V 2.2μF
C109	ECUV1H104ZFX	S.M. CAP 50V 100nF
C111	ECUV1H180JRX	S.M. CAP 50V 18pF
C112	ECUV1H223ZFX	S.M. CAP 50V 22nF
C114	ECUV1H103ZFX	S.M. CAP 50V 10nF
C115	ECUV1H120JCM	S.M. CAP 50V 12pF
C116	ECUV1H101JCX	S.M. CAP 50V 100pF
C206	ECUV1H332KBW	S.M. CAP 50V 3.3nF
C208	ECEA1HU2R2	ELECT 50V 2.2μF
C209	ECEA1CU100	ELECT 16V 10μF
C211	ECUV1H102KBX	S.M. CAP 50V 1nF
C214	ECEA1HU2R2	ELECT 50V 2.2μF
C215	ECUV1H223ZFX	S.M. CAP 50V 22nF
C216	ECA1CM220GB	ELECT 16V 22μF
C225	ECUV1H030CCX	S.M. CAP 50V 30pF
C228	ECUV1H390JCX	S.M. CAP 50V 39pF
C233	ECA1CM220GB	ELECT 16V 22μF
C251	ECEA1CU471	ELECT 16V 470μF
C252	ECUV1H183KBX	S.M. CAP 50V 83nF
C253	ECEA1HFS2R2	S.M. CAP 50V 2.2μF
C254	ECEA1EU101	ELECT 25V 100μF

Ref No.	Part No.	Description
C255	ECEA1CGE330	ELECT 16V 33μF
C256	222236516334	FILM 160V 330nF
C257	222236516124	CAPACITOR
C258	ECEA1EGE222	ELECT 25V 2200μF
C259	ECA1EM102GB	ELECT 25V 1nF
C261	ECUV1H104ZFW	S.M. CAP 50V 100nF
C263	ECEA1HU2R2	ELECT 50V 2.2μF
C301	ECEA1CU100	ELECT 16V 10μF
C302	ECUV1H104ZFW	S.M. CAP 50V 100nF
C303	ECUV1H223ZFX	S.M. CAP 50V 22nF
C304	ECA1AM331GB	ELECT 10V 330μF
C305	ECQM1H104J	FILM 50V 100nF
C306	ECUV1H473ZFX	S.M. CAP 50V 47nF
C307	ECUV1H102KBX	S.M. CAP 50V 1nF
C308	ECUV1H473ZFX	S.M. CAP 50V 47nF
C309	ECEA1CU100	ELECT 16V 10μF
C311	ECUV1H103ZFX	S.M. CAP 50V 10nF
C312	ECA1AM471GB	ELECT 10V 470μF
C313	ECUV1H103ZFX	S.M. CAP 50V 10nF
C314	ECUV1H102KBW	S.M. CAP 50V 1nF
C315	ECKC2H103J	CERAMIC 50V 10nF
C351	ECUV1H271KBX	S.M. CAP 50V 270pF
C352	ECUV1H331KBX	S.M. CAP 50V 330pF
C353	ECUV1H271KBX	S.M. CAP 50V 270pF
C355	ECKC3D152J	CERAMIC 2KV 1.5nF
C357	ECKC2H152J	CERAMIC 500V 1.5nF
C358	ECEA1HU220	ELECT 50V 22μF
C360	ECEA1CU101	ELECT 16V 100μF
C362	ECUV1H102ZFX	S.M. CAP 50V 1nF
C368	ECEA2EU010	ELECT 250V 1μF
C401	ECQM1H104J	FILM 50V 100nF
C402	ECUV1H471JCX	S.M. CAP 50V 470pF
C450	ECUV1H103KBX	S.M. CAP 50V 10nF
C451	ECUV1H103KBX	S.M. CAP 50V 10nF
C452	ECKC2H471J	CERAMIC 500V 470pF
C454	ECKC2H471J	CERAMIC 500V 470pF
C455	ECEA1HU101	ELECT 50V 100μF
C457	ECA1EM222GB	ELECT 25V 2.2nF
C459	ECA1EM470GB	ELECT 25V 47μF
C461	ECA1VM102GB	ELECT 35V 1nF
C501	ECUV1H472KBX	S.M. CAP 50V 4.7nF
C502	ECEA1HU010	ELECT 50V 1μF
C503	ECUV1H222KBX	S.M. CAP 50V 2.2nF
C504	ECUV1H821JCX	S.M. CAP 50V 820pF
C505	ECQM1273KZW	FILM 100V 27nF
C506	ECA1JM100GB	ELECT 63V 10μF
C507	ECEA1HFS2R2	S.M. CAP 50V 2.2μF
C508	ECEA1CU100	ELECT 16V 10μF
C509	ECEA1AGE471	ELECT 10V 470μF
C511	ECEA1HGE100	ELECT 50V 10μF
C512	ECKC2H103J	CERAMIC 50V 10nF
C553	ECWH12H822J	CERAMIC 500V 8.2nF
C555	ECQE6104K	FILM 600V 100nF
C556	ECKC3D102J	CERAMIC 2KV 1nF
C557	ECKC3D561J	CERAMIC 2KV 560pF
C558	ECWF2H474J	FILM 500V 470nF
C559	ECEA2CGR47	ELECT 160V 0.47μF
C561	ECKC2H471J	CERAMIC 500V 470pF
C562	ECEA2EGE100	ELECT 250V 10μF
C563	ECKC2H471J	CERAMIC 500V 470pF
C564	ECA1EM102GB	ELECT 25V 1nF
C565	ECEA2CU4R7	ELECT 160V 4.7μF

Ref No.	Part No.	Description
C566	ECKC2H471J	CERAMIC 500V 470pF
C567	ECKC2H561J	CERAMIC 500V 560pF
C568	ECA1VM101GB	ELECT 35V 100pF
C569	ECA1VM471GB	ELECT 35V 470pF
C571	ECUV1H122JX	S.M. CAP 50V 1.2nF
C572	ECKC2H152J	CERAMIC 500V 1.5nF
C601	ECUV1H222KBX	S.M. CAP 50V 2.2nF
C602	ECUV1H331JCX	S.M. CAP 50V 330pF
C604	ECUV1H392KBX	S.M. CAP 50V 3.9nF
C605	ECQB1H104J	FILM 50V 100nF
C606	ECUV1H104ZFW	S.M. CAP 50V 100nF
C607	ECUV1H104ZFW	S.M. CAP 50V 100nF
C608	ECUV1H223ZFX	S.M. CAP 50V 22nF
C609	ECA1AM470GB	ELECT 10V 47μF
C610	ECUV1H102KBX	S.M. CAP 50V 1nF
C611	ECUV1H102KBX	S.M. CAP 50V 1nF
C612	ECUV1H102KBX	S.M. CAP 50V 1nF
C613	ECUV1H223ZFX	S.M. CAP 50V 22nF
C620	ECUV1H103ZFX	S.M. CAP 50V 10nF
C622	ECA1AM102GB	ELECT 10V 1nF
C626	ECUV1H470JCX	S.M. CAP 50V 47pF
C627	ECUV1H470JCX	S.M. CAP 50V 47pF
C802	222233510473	CAPACITOR
C803	ECKC2H472J	CERAMIC 500V 4.7nF
C804	ECKC2H472J	CERAMIC 500V 4.7nF
C805	ECKC2H472J	CERAMIC 500V 4.7nF
C806	ECKC2H472J	CERAMIC 500V 4.7nF
C807	ECES2GG101	ELECT 400V 100μF
C808	ECKC2H471J	CERAMIC 500V 470pF
C809	ECEA1AU330	ELECT 10V 33μF
C811	ECKCNS102J	CERAMIC 1.2KV 1nF
C812	ECKC3D152J	CERAMIC 2KV 1.5nF
C813	ECA1AM221GB	ELECT 10V 220μF
C814	ECA2CGE221	ELECT 160V 220μF
C817	ECKCNS102J	CERAMIC 1.2KV 1nF
C818	ECEA2EU2R2	ELECT 250V 2.2μF
C821	ECQU2A823MNB	FILM 200V 82nF
C822	ECKC1H103JB	CERAMIC 50V 10nF
C823	ECKC2H103J	CERAMIC 50V 10nF
C824	ECKC3D152J	CERAMIC 2KV 1.5nF
C851	ECKC2H471J	CERAMIC 500V 470pF
C852	ECEA1EU101	ELECT 25V 100μF
C853	ECUV1H103ZFX	S.M. CAP 50V 10nF
C854	ECEA0JU101	ELECT 6.3V 100μF
C855	ECKC2H471J	CERAMIC 500V 470pF
C856	ECEA1HGE471	ELECT 50V 470μF
C857	ECA1AM471GB	ELECT 10V 470μF
C858	ECEA1EGE100	ELECT 25V 10μF
C859	ECEA1EGE100	ELECT 25V 10μF
C1205	ECEA1EU101	ELECT 25V 100μF
C1206	ECA0JM471GB	ELECT 6.3V 470pF
C1207	ECUV1H103ZFX	S.M. CAP 50V 10nF
C1208	ECUV1H103ZFX	S.M. CAP 50V 10nF
C1214	ECUV1H103ZFX	S.M. CAP 50V 10nF
C1216	ECEA1CKA101	ELECT 16V 100μF
C1217	ECUV1H104ZFW	S.M. CAP 50V 100nF
C1218	ECUV1H331KBX	S.M. CAP 50V 330pF
C1221	ECQM1H104J	FILM 50V 100nF
C1224	ECUV1H103ZFX	S.M. CAP 50V 10nF
C1226	ECUV1H101JCX	S.M. CAP 50V 100pF
C1227	ECUV1H471KBX	S.M. CAP 50V 470pF
C1228	ECUV1H471JCX	S.M. CAP 50V 470pF
C1231	ECUV1H101JCX	S.M. CAP 50V 100pF
C1232	ECUV1H220JRX	S.M. CAP 50V 22pF
C1234	ECUV1H471KBX	S.M. CAP 50V 470pF
C1235	ECUV1H471KBX	S.M. CAP 50V 470pF
C1236	ECUV1H471KBX	S.M. CAP 50V 470pF
C1237	ECUV1H471KBX	S.M. CAP 50V 470pF

Ref No.	Part No.	Description
C1238	ECUV1H471JCX	S.M. CAP 50V 470pF
C1239	ECUV1H471JCX	S.M. CAP 50V 470pF
C1240	ECUV1H103ZFX	S.M. CAP 50V 10nF
C1241	ECEA1HU2R2	ELECT 50V 2.2μF
C1242	ECEA1HU2R2	ELECT 50V 2.2μF
C1243	ECEA1HU4R7	ELECT 50V 4.7μF
C1244	ECEA1HU2R2	ELECT 50V 2.2μF
C1245	ECEA1HU2R2	ELECT 50V 2.2μF
C1246	ECUV1H472KBX	S.M. CAP 50V 4.7nF
C1247	ECUV1H103KBX	S.M. CAP 50V 10nF
C1248	ECUV1H272KBX	S.M. CAP 50V 2.7nF
C1249	ECUV1H223KBX	S.M. CAP 50V 22nF
C1251	ECUV1H471JCX	S.M. CAP 50V 470pF
C1252	ECEA1HGE010	ELECT 50V 1μF
C1253	ECEA1HU4R7	ELECT 50V 4.7μF
C1255	ECUV1H560JCX	S.M. CAP 50V 56pF
C1256	ECEA1HU2R2	ELECT 50V 2.2μF
C1257	ECUV1H471JCX	S.M. CAP 50V 470pF
C1258	ECUV1H471JCX	S.M. CAP 50V 470pF
C1259	ECUV1H471JCX	S.M. CAP 50V 470pF
C1261	ECUV1H471JCX	S.M. CAP 50V 470pF
C1262	ECUV1H471JCX	S.M. CAP 50V 470pF
C1263	ECEA1CU100	ELECT 16V 10μF
C3101	ECA1AM471GB	ELECT 10V 470pF
C3104	ECEA1CU100	ELECT 16V 10μF
C3107	ECUV1H103ZFX	S.M. CAP 50V 10nF
C3108	ECUV1H103ZFX	S.M. CAP 50V 10nF
C3114	ECUV1H561KBX	S.M. CAP 50V 560pF
C3118	ECEA1EN3R3	ELECT 25V 3.3μF
C3301	ECUV1H104ZFW	S.M. CAP 50V 100nF
C3302	ECUV1H104ZFW	S.M. CAP 50V 100nF
C3303	ECUV1H104ZFW	S.M. CAP 50V 100nF
DIODES		
D201	MA29TA5	DIODE
D251	RLS72TE-11	DIODE
D301	MA4091	DIODE
D302	MA4091	DIODE
D303	MA4091	DIODE
D304	MTZJ2.2A	DIODE
D305	MA165TA5	DIODE
D355	PMLL4148L	DIODE
D356	PMLL4148L	DIODE
D357	PMLL4148L	DIODE
D358	PMLL4148L	DIODE
D451	ERA15-02V3	DIODE
D452	MA4360	DIODE
D453	MA165TA5	DIODE
D505	MA4360	DIODE
D506	MA4075	DIODE
D507	MA165TA5	DIODE
D551	TVSRH2F-LFB3	DIODE
D552	TVSRU2AMV1	DIODE
D561	ERA22-02V3	DIODE
D562	ERA22-02V3	DIODE
D563	MA167TA5	DIODE
D564	TVSRU2AMV1	DIODE
D565	EU02	DIODE
D602	MA4051	DIODE
D604	RLS72TE-11	DIODE
D801	EMO2BMV0	DIODE
D802	EMO2BMV0	DIODE
D803	EMO2BMV0	DIODE
D804	EMO2BMV0	DIODE
D805	232266296319	THERMISTOR
D806	AU02AV0	DIODE
D807	R2KNLFA1	DIODE
D808	ERA15-02V3	DIODE

Ref No.	Part No.	Description
D809	BYD31D-26MM	DIODE
D810	ERA15-02V3	DIODE
D811	BYD31D-26MM	DIODE
D812	MA4051	DIODE
D813	TLP621GR-LF2	PHOTO COUPLER Δ
D816	BYD31D-26MM	DIODE
D817	MA1033MTA	DIODE
D818	ERA15-02V3	DIODE
D820	TF341M-A-RL	THYRISTOR
D821	AU02V0	DIODE
D822	TLP621GR-LF2	PHOTO COUPLER Δ
D851	TVSRU2AMV1	DIODE
D852	AU02V0	DIODE
D854	MA4082	DIODE
D855	MA4051	DIODE
D856	AU02V0	DIODE
D857	MA4200	DIODE
D1202	RLS72TE-11	DIODE
D1203	SLR56UR3FLF	LED
D1205	RLS72TE-11	DIODE
D1207	RLS72TE-11	DIODE
D1209	RLS72TE-11	DIODE
D1211	MA4082	DIODE
D1212	RLS72TE-11	DIODE
D1214	RLS72TE-11	DIODE
D1215	RLS72TE-11	DIODE
D1217	RLS72TE-11	DIODE
D3101	RLS72TE-11	DIODE
D3102	MA4051	DIODE

FUSES

F801	2153.15H	FUSE Δ
F8011	EYF52BC	FUSE HOLDER
F8012	EYF52BC	FUSE HOLDER

INTEGRATED CIRCUITS

IC012	UPC574J	REGULATOR
IC1202	MN152811TBS	MICROPROCESSOR
IC1203	MN1280R	RESET
IC1204	RPM-637CBRS	RECEIVER
IC251	AN5265	AUDIO OUTPUT I.C.
IC451	TDA3653C	VERTICAL O/PUT I.C.
IC601	TDA8361N4	VIDEO PROCESSOR
IC602	TDA4662	DELAY LINE
IC801	STR51402-M	POWER SUPPLY REGULATOR
IC851	L78M05MRB	5V REGULATOR
IC852	L78M12MRB	12V REGULATOR
IC1205	X24C0502A	EEPROM

SOCKETS/TERMINALS/LINK WIRES

JC141	ERJ6GEY0R00	WIRE LINK
JC4	ERJ6GEY0R00	WIRE LINK
JC5	ERJ6GEY0R00	WIRE LINK
JC7	ERJ6GEY0R00	WIRE LINK
JC8	ERJ6GEY0R00	WIRE LINK
JEACK	ERJ6GEY0R00	WIRE LINK
JEAJK	ERJ6GEY0R00	WIRE LINK
JEAKK	ERJ6GEY0R00	WIRE LINK
JEFK	ERJ6GEY0R00	WIRE LINK
JEGK	ERJ6GEY0R00	WIRE LINK
JEIK	ERJ6GEY0R00	WIRE LINK
JEMK	ERJ6GEY0R00	WIRE LINK
JETK	ERJ6GEY0R00	WIRE LINK
JEXK	ERJ6GEY0R00	WIRE LINK
JK3101	TJS8E003	SCART SOCKET
JK3102	TJB16663	A.V. TERMINAL
JYAK	ERJ6GEY0R00	WIRE LINK
J7	EXCELD35V	COIL

Ref No.	Part No.	Description
J10	EXCELD35V	COIL
J105	EXCELSA35T	COIL
J108	EXCELSA35T	COIL
J193	ERDS1TJ393	CARBON 0.5W 5% 39K Ω
COILS		
LC102	ELB5A077	COIL
L011	EXCELSA35T	COIL
L012	ELESN8R2KA	COIL
L101	TLT047K991R	COIL
L103	TLH157X57	COIL
L104	EIV7EN190B	COIL
L105	EXCELD35V	COIL
L207	ELEXT4R7KA	COIL
L301	TLT100K991R	COIL
L307	TLT150K991R	COIL
L351	TLT181K991R	COIL
L352	TLT181K991R	COIL
L353	TLT181K991R	COIL
L354	EXCELD35V	COIL
L355	EXCELD35V	COIL
L356	EXCELD35V	COIL
L451	ELESN8R2KA	COIL
L554	ELC08D055	COIL
L801	ELF18D450B	COIL
L802	ELF18D450B	COIL
L854	EXCELSA35T	COIL
L1201	ELESN1R0KA	COIL
L1218	ELESN331KA	COIL
L1221	EXCELSA35T	COIL
L3102	EXCELD35V	COIL
L3104	TLS159054E	COIL
L3105	TLS159054E	COIL

CONTROLS

POE3	TMW8E015	L.E.D. HOLDER
------	----------	---------------

TRANSISTORS

Q101	BF370-126	TRANSISTOR
Q102	BC847B	TRANSISTOR
Q202	BC847B	TRANSISTOR
Q251	BC847B	TRANSISTOR
Q301	BC847B	TRANSISTOR
Q351	2SC1473-RN	TRANSISTOR
Q352	2SC1473-RN	TRANSISTOR
Q353	2SC1473-RN	TRANSISTOR
Q356	BC857B	TRANSISTOR
Q501	2SD836-AL	TRANSISTOR
Q502	BC857B	TRANSISTOR
Q503	BC847B	TRANSISTOR
Q504	BC847B	TRANSISTOR
Q551	BU2506DFLB	TRANSISTOR
Q803	2SD1272QLB	TRANSISTOR
Q804	BC847B	TRANSISTOR
Q805	BC847B	TRANSISTOR
Q851	2SD1273PLB	TRANSISTOR
Q853	BC857B	TRANSISTOR
Q1201	BC857B	TRANSISTOR
Q1202	BC847B	TRANSISTOR
Q1203	BC847B	TRANSISTOR
Q1205	BC847B	TRANSISTOR
Q1206	BC847B	TRANSISTOR
Q1207	BC847B	TRANSISTOR
Q1208	DTC144EKT146	TRANSISTOR
Q1209	BC847B	TRANSISTOR
Q1210	2SD965-R	TRANSISTOR
Q1211	BC847B	TRANSISTOR
Q1212	2SC3311ATA	TRANSISTOR
Q1213	BC847B	TRANSISTOR

Ref No.	Part No.	Description
Q1214	2SC3311ATA	TRANSISTOR
Q1240	BC847B	TRANSISTOR
Q3101	2SC1318-S	TRANSISTOR
Q3102	BC857B	TRANSISTOR
Q3103	BC847B	TRANSISTOR
Q3104	BC857B	TRANSISTOR
Q3105	BC847B	TRANSISTOR
Q3301	BC847B	TRANSISTOR

RESISTORS

R011	ERJ6GEY0R00	WIRE LINK		
R012	ERJ6GEY0R00	WIRE LINK		
R015	ERJ6GEYJ153	S.M.CARB	0.1W	5% 15KΩ
R016	ERG2SJS273	METAL	2W	5% 27KΩ
R101	ERJ6GEYJ101	S.M.CARB	0.1W	5% 100Ω
R103	ERJ6GEY0R00	WIRE LINK		
R104	ERJ6GEYJ392	S.M.CARB	0.1W	5% 3K9Ω
R105	ERJ6GEYJ392	S.M.CARB	0.1W	5% 3K9Ω
R106	ERJ6GEYJ221	S.M.CARB	0.1W	5% 220Ω
R107	ERJ6GEYJ681	S.M.CARB	0.1W	5% 680Ω
R108	ERJ6GEYJ562	S.M.CARB	0.1W	5% 5K6Ω
R109	EVNDXAA03B14	CONTROL		10KΩ
R111	ERJ6GEYJ122	S.M.CARB	0.1W	5% 1K2Ω
R112	ERJ6GEYJ334	S.M.CARB	0.1W	5% 330KΩ
R113	ERJ6GEYJ334	S.M.CARB	0.1W	5% 330KΩ
R114	ERJ6GEYJ472	S.M.CARB	0.1W	5% 4K7Ω
R115	ERJ6GEYJ103	S.M.CARB	0.1W	5% 10KΩ
R116	ERJ6GEYJ183	S.M.CARB	0.1W	5% 18KΩ
R117	ERJ6GEYJ271	S.M.CARB	0.1W	5% 270Ω
R118	ERJ6GEYJ221	S.M.CARB	0.1W	5% 220Ω
R119	ERJ6GEYJ682	S.M.CARB	0.1W	5% 6K8Ω
R122	ERJ6GEY0R00	WIRE LINK		
R123	ERJ6GEYJ152	S.M.CARB	0.1W	5% 1K5Ω
R124	ERJ6GEYJ684	S.M.CARB	0.1W	5% 680KΩ
R126	ERJ6GEY0R00	WIRE LINK		
R203	ERJ6GEY0R00	WIRE LINK		
R204	ERJ6GEYJ182	S.M.CARB	0.1W	5% 1K8Ω
R205	ERJ6GEYJ152	S.M.CARB	0.1W	5% 1K5Ω
R207	ERJ6GEYJ153	S.M.CARB	0.1W	5% 15KΩ
R208	ERJ6GEYJ103	S.M.CARB	0.1W	5% 10KΩ
R209	ERJ6GEYJ102	S.M.CARB	0.1W	5% 1KΩ
R215	ERJ6GEY0R00	WIRE LINK		
R216	ERJ6GEYJ103	S.M.CARB	0.1W	5% 10KΩ
R230	ERJ6GEY0R00	WIRE LINK		
R232	ERJ6GEYJ681	S.M.CARB	0.1W	5% 680Ω
R250	ERJ6GEY0R00	WIRE LINK		
R251	ERJ6GEYJ102	S.M.CARB	0.1W	5% 1KΩ
R253	ERJ6GEYJ221	S.M.CARB	0.1W	5% 220Ω
R254	ERQ14AJ100	METAL	0.25W	5% 10Ω Δ
R255	ERJ6GEYJ272	S.M.CARB	0.1W	5% 2K7Ω
R256	ERJ6GEYJ471	S.M.CARB	0.1W	5% 470Ω
R257	ERJ6GEYJ101	S.M.CARB	0.1W	5% 100Ω
R258	ERD25TJ153	CARBON	0.25W	5% 15KΩ
R259	ERQ1CJP120	METAL	1W	5% 12Ω Δ
R261	ERJ6GEYJ3R3	S.M.CARB	0.1W	5% 3R3Ω
R262	ERJ6GEYJ182	S.M.CARB	0.1W	5% 1K8Ω
R263	ERJ6GEYJ102	S.M.CARB	0.1W	5% 1KΩ
R301	ERJ6GEYJ102	S.M.CARB	0.1W	5% 1KΩ
R302	ERQ14AJ470	METAL	0.25W	5% 47Ω Δ
R303	ERJ6GEYJ221	S.M.CARB	0.1W	5% 220Ω
R304	ERJ6GEYJ181	S.M.CARB	0.1W	5% 180Ω
R305	ERDS1TJ391	CARBON	0.5W	5% 390Ω
R306	EVNDCAA03B14	CONTROL		10KΩ
R307	ERJ6GEYJ562	S.M.CARB	0.1W	5% 5K6Ω
R308	ERJ6GEYJ102	S.M.CARB	0.1W	5% 1KΩ
R309	ERJ6GEYJ821	S.M.CARB	0.1W	5% 820Ω
R310	ERJ6GEYJ101	S.M.CARB	0.1W	5% 100Ω
R311	ERJ6GEYJ102	S.M.CARB	0.1W	5% 1KΩ
R312	ERJ6GEYJ101	S.M.CARB	0.1W	5% 100Ω
R313	ERJ6GEYJ101	S.M.CARB	0.1W	5% 100Ω

Ref No.	Part No.	Description		
R314	ERJ6GEYJ101	S.M.CARB	0.1W	5% 100Ω
R315	ERJ6GEYJ104	S.M.CARB	0.1W	5% 100KΩ
R316	EVNDXAA03B53	CONTROL		5KΩ
R317	ERJ6GEYJ393	S.M.CARB	0.1W	5% 39KΩ
R318	ERJ6GEYJ913	S.M.CARB	0.1W	5% 91KΩ
R319	ERJ6GEY0R00	WIRE LINK		
R320	ERD25TJ102	CARBON	0.25W	5% 1KΩ
R351	ERG1SJ123	METAL	1W	5% 12KΩ
R352	ERG1SJ123	METAL	1W	5% 12KΩ
R353	ERG1SJ123	METAL	1W	5% 12KΩ
R354	ERJ6GEYJ151	S.M.CARB	0.1W	5% 150Ω
R355	ERJ6GEYJ391	S.M.CARB	0.1W	5% 390Ω
R356	ERJ6GEYJ151	S.M.CARB	0.1W	5% 150Ω
R357	EVN65UA00B52	CONTROL		500Ω
R358	EVN65UA00B52	CONTROL		500Ω
R359	ERJ6GEYJ821	S.M.CARB	0.1W	5% 820Ω
R360	ERJ6GEYJ821	S.M.CARB	0.1W	5% 820Ω
R361	ERJ6GEYJ821	S.M.CARB	0.1W	5% 820Ω
R362	EVN65UA00B53	CONTROL		5KΩ
R363	ERJ6GEYJ102	S.M.CARB	0.1W	5% 1KΩ
R364	EVN65UA00B53	CONTROL		5KΩ
R365	ERDS1FJ152	CARBON	0.5W	5% 1K5Ω Δ
R366	ERDS1TJ152	CARBON	0.5W	5% 1K5Ω
R367	ERDS1TJ152	CARBON	0.5W	5% 1K5Ω
R368	ERJ6GEYJ102	S.M.CARB	0.1W	5% 1KΩ
R369	EVN65UA00B53	CONTROL		5KΩ
R370	ERJ6GEYJ102	S.M.CARB	0.1W	5% 1KΩ
R374	ERJ6GEYJ103	S.M.CARB	0.1W	5% 10KΩ
R376	ERJ6GEYJ103	S.M.CARB	0.1W	5% 10KΩ
R377	ERJ6GEYJ391	S.M.CARB	0.1W	5% 390Ω
R401	ERJ6GEYJ334	S.M.CARB	0.1W	5% 330KΩ
R403	ERJ6GEYJ335	S.M.CARB	0.1W	5% 3M3Ω
R451	ERJ6GEYJ432	S.M.CARB	0.1W	5% 4.3KΩ
R452	ERJ6GEYJ432	S.M.CARB	0.1W	5% 4.3KΩ
R455	ERG1SJ561	METAL	1W	5% 560Ω
R456	ERDS1TJ471	CARBON	0.5W	5% 470Ω
R457	ERDS1TJ432	CARBON	0.5W	5% 4K3Ω
R458	ERG1SJ821	METAL	1W	5% 820Ω
R459	ERDS1TJ102	CARBON	0.5W	5% 1KΩ
R462	ERJ6GEYJ122	S.M.CARB	0.1W	5% 1K2Ω
R463	ERJ6GEYJ432	S.M.CARB	0.1W	5% 4.3KΩ
R464	ERDS1TJ2R2	CARBON	0.5W	5% 2.2Ω
R465	EVNDCAA03B22	CONTROL		200Ω
R466	ERJ6GEYJ470	S.M.CARB	0.1W	5% 47Ω
R467	ERJ6GEYJ122	S.M.CARB	0.1W	5% 1K2Ω
R468	ERJ6GEYJ331	S.M.CARB	0.1W	5% 330Ω
R469	ERJ6GEY0R00	WIRE LINK		
R501	ERJ6GEYJ153	S.M.CARB	0.1W	5% 15KΩ
R502	EVNDXAA03B14	CONTROL		10KΩ
R503	ERJ6GEYJ564	S.M.CARB	0.1W	5% 560KΩ
R504	ERJ6GEYJ273	S.M.CARB	0.1W	5% 27KΩ
R505	ERJ6GEYJ471	S.M.CARB	0.1W	5% 470Ω
R506	ERJ6GEYJ562	S.M.CARB	0.1W	5% 5K6Ω
R507	ERG2ANJ471	METAL	2W	5% 470Ω
R508	ERJ6GEYJ102	S.M.CARB	0.1W	5% 1KΩ
R509	ERJ6GEYJ103	S.M.CARB	0.1W	5% 10KΩ
R512	ERJ6GEYJ474	S.M.CARB	0.1W	5% 470KΩ
R513	ERJ6GEYJ333	S.M.CARB	0.1W	5% 33KΩ
R514	ERJ6GEYJ472	S.M.CARB	0.1W	5% 4K7Ω
R516	ERJ6GEYJ102	S.M.CARB	0.1W	5% 1KΩ
R517	ERG3SJS101	METAL	3W	5% 10Ω
R518	ERD25TJ103	CARBON	0.25W	5% 10KΩ
R519	ERJ6GEYJ104	S.M.CARB	0.1W	5% 100KΩ
R520	ERQ12HJ1R0	METAL	0.5W	5% 1R0Ω Δ
R521	ERQ2CJP8R2	METAL	2W	5% 8R2Ω Δ
R522	ERQ12HJ1R2	METAL	0.5W	5% 1R2Ω Δ
R551	ERDS1TJ1R5	CARBON	0.5W	5% 1R5Ω
R552	ERDS1TJ1R5	CARBON	0.5W	5% 1R5Ω
R554	ERQ14AJ151	METAL	0.25W	5% 150Ω Δ
R564	ERQ12HJR39	METAL	0.5W	5% 0R39Ω Δ

Ref No.	Part No.	Description		
R566	ERD25TJ304	CARBON 0.25W	5% 300KΩ	
R567	ERJ6GEYJ822	S.M.CARB 0.1W	5% 8K2Ω	
R571	ERJ6GEYJ122	S.M.CARB 0.1W	5% 1K2Ω	
R572	ERD25TJ272	CARBON 0.25W	5% 2K7Ω	
R601	ERJ6GEYJ104	S.M.CARB 0.1W	5% 100KΩ	
R602	ERG2SJS470	METAL 2W	5% 47Ω	
R603	ERJ6GEYJ103	S.M.CARB 0.1W	5% 10KΩ	
R607	EVNDXAA03B24	CONTROL	20KΩ	
R608	ERJ6GEYJ332	S.M.CARB 0.1W	5% 3K3Ω	
R616	ERJ6GEYJ822	S.M.CARB 0.1W	5% 8K2Ω	
R622	ERJ6GEYJ562	S.M.CARB 0.1W	5% 5K6Ω	
R623	ERJ6GEYJ103	S.M.CARB 0.1W	5% 10KΩ	
R624	ERJ6GEYJ332	S.M.CARB 0.1W	5% 3K3Ω	
R625	ERJ6GEYJ103	S.M.CARB 0.1W	5% 10KΩ	
R801	ERF5ZK2R7	WOUND 5W	20% 2.7Ω	△
R802	ERDS1TJ184	CARBON 0.5W	5% 180KΩ	
R803	ERDS1TJ561	CARBON 0.5W	5% 560Ω	
R804	ERD25TJ561	CARBON 0.25W	5% 560Ω	
R805	ERJ6GEYJ561	S.M.CARB 0.1W	5% 560Ω	
R806	ERX1SJ8R2	METAL 0.5W	5% 8R2Ω	
R807	ERC12ZGK335D	SOLID 0.5W	10% 3M3Ω	
R809	TSF19401	FS LINK		△
R810	ERDS1TJ393	CARBON 0.5W	5% 39KΩ	
R811	ERJ6GEYJ103	S.M.CARB 0.1W	5% 10KΩ	
R812	ERQ12HJ330	METAL 0.5W	5% 33Ω	△
R813	ERDS1TJ334	CARBON 0.5W	5% 330KΩ	
R814	ERJ6GEYJ102	S.M.CARB 0.1W	5% 1KΩ	
R815	ERD75TAJ825	CARBON 0.75W	5% 8M2Ω	△
R816	ERJ6GEYJ473	S.M.CARB 0.1W	5% 47KΩ	
R817	ERJ6GEYJ101	S.M.CARB 0.1W	5% 100Ω	
R818	ERDS1TJ154	CARBON 0.5W	5% 150K	
R819	ERDS1TJ393	CARBON 0.5W	5% 39KΩ	
R821	ERDS1TJ334	CARBON 0.5W	5% 330KΩ	
R822	ERG2ANJ683	METAL 2W	5% 68KΩ	
R823	ERJ6GEYJ472	S.M.CARB 0.1W	5% 4K7Ω	
R824	ERDS1TJ683	CARBON 0.5W	5% 68KΩ	
R825	ERDS1TJ683	CARBON 0.5W	5% 68KΩ	
R826	ERJ6GEYJ473	S.M.CARB 0.1W	5% 47KΩ	
R827	ERJ6GEYJ471	S.M.CARB 0.1W	5% 470Ω	
R828	ERW12PKR33	WOUND 0.5W	10% 0R33Ω	△
R854	ERJ6GEYJ101	S.M.CARB 0.1W	5% 100Ω	
R855	ERJ6GEYJ471	S.M.CARB 0.1W	5% 470Ω	
R856	ERJ6GEYJ681	S.M.CARB 0.1W	5% 680Ω	
R858	ERJ6GEYJ182	S.M.CARB 0.1W	5% 1K8Ω	
R1151	ERJ6GEYOR00	WIRE LINK		
R1152	ERJ6GEYJ101	S.M.CARB 0.1W	5% 100Ω	
R1201	ERJ6GEYJ473	S.M.CARB 0.1W	5% 47KΩ	
R1202	ERJ6GEYJ683	S.M.CARB 0.1W	5% 68KΩ	
R1203	ERJ6GEYJ100	S.M.CARB 0.1W	5% 10Ω	
R1204	ERJ6GEYJ104	S.M.CARB 0.1W	5% 100KΩ	
R1205	ERJ6GEYJ333	S.M.CARB 0.1W	5% 33KΩ	
R1206	ERJ6GEYJ562	S.M.CARB 0.1W	5% 5K6Ω	
R1207	ERJ6GEYJ152	S.M.CARB 0.1W	5% 1K5Ω	
R1208	ERJ6GEYJ473	S.M.CARB 0.1W	5% 47KΩ	
R1209	ERJ6GEYJ271	S.M.CARB 0.1W	5% 270Ω	
R1210	ERJ6GEYJ152	S.M.CARB 0.1W	5% 1K5Ω	
R1211	ERJ6GEYJ562	S.M.CARB 0.1W	5% 5K6Ω	
R1213	ERJ6GEYJ473	S.M.CARB 0.1W	5% 47KΩ	
R1214	ERJ6GEYJ153	S.M.CARB 0.1W	5% 15KΩ	
R1216	ERJ6ENF4871	S.M.CARB 0.1W	1% 4K87Ω	
R1217	ERJ6ENF3161	S.M.CARB 0.1W	1% 3K16Ω	
R1218	ERJ6ENF2371	S.M.CARB 0.1W	1% 2K37Ω	
R1219	ERJ6ENF2371	S.M.CARB 0.1W	1% 2K37Ω	
R1220	ERJ6GEYJ101	S.M.CARB 0.1W	5% 100Ω	
R1221	ERJ6ENF1002	S.M.CARB 0.1W	1% 10KΩ	
R1222	ERJ6GEYJ101	S.M.CARB 0.1W	5% 100Ω	
R1223	ERJ6GEYJ101	S.M.CARB 0.1W	5% 100Ω	
R1224	ERJ6GEYJ101	S.M.CARB 0.1W	5% 100Ω	
R1225	ERJ6GEYJ101	S.M.CARB 0.1W	5% 100Ω	
R1226	ERJ6GEYJ123	S.M.CARB 0.1W	5% 12KΩ	

Ref No.	Part No.	Description		
R1227	ERJ6GEYJ101	S.M.CARB 0.1W	5% 100Ω	
R1228	ERJ6GEYJ101	S.M.CARB 0.1W	5% 100Ω	
R1229	ERJ6GEYJ103	S.M.CARB 0.1W	5% 10KΩ	
R1230	ERJ6GEYOR00	WIRE LINK		
R1231	ERJ6GEYJ101	S.M.CARB 0.1W	5% 100Ω	
R1232	ERJ6GEYJ392	S.M.CARB 0.1W	5% 3K9Ω	
R1233	ERJ6GEYJ102	S.M.CARB 0.1W	5% 1KΩ	
R1234	ERJ6GEYJ101	S.M.CARB 0.1W	5% 100Ω	
R1235	ERJ6GEYJ101	S.M.CARB 0.1W	5% 100Ω	
R1236	ERJ6GEYJ103	S.M.CARB 0.1W	5% 10KΩ	
R1237	ERJ6GEYJ103	S.M.CARB 0.1W	5% 10KΩ	
R1238	ERJ6GEYJ104	S.M.CARB 0.1W	5% 100KΩ	
R1239	ERJ6GEYJ564	S.M.CARB 0.1W	5% 560KΩ	
R1240	ERJ6GEYOR00	WIRE LINK		
R1241	ERJ6GEYJ103	S.M.CARB 0.1W	5% 10KΩ	
R1242	ERJ6GEYJ103	S.M.CARB 0.1W	5% 10KΩ	
R1243	ERJ6GEYJ752	S.M.CARB 0.1W	5% 7K5Ω	
R1244	ERJ6GEYJ103	S.M.CARB 0.1W	5% 10KΩ	
R1245	ERJ6GEYJ101	S.M.CARB 0.1W	5% 100Ω	
R1246	ERJ6GEYJ122	S.M.CARB 0.1W	5% 1K2Ω	
R1247	ERJ6GEYOR00	WIRE LINK		
R1248	ERJ6GEYJ103	S.M.CARB 0.1W	5% 10KΩ	
R1249	ERJ6GEYOR00	WIRE LINK		
R1250	ERJ6GEYJ101	S.M.CARB 0.1W	5% 100Ω	
R1251	ERJ6GEYJ101	S.M.CARB 0.1W	5% 100Ω	
R1252	ERJ6GEYJ822	S.M.CARB 0.1W	5% 8K2Ω	
R1253	ERJ6GEYJ471	S.M.CARB 0.1W	5% 470Ω	
R1254	ERJ6GEYOR00	WIRE LINK		
R1255	ERJ6GEYJ103	S.M.CARB 0.1W	5% 10KΩ	
R1256	ERJ6GEYJ183	S.M.CARB 0.1W	5% 18KΩ	
R1257	ERJ6GEYJ472	S.M.CARB 0.1W	5% 4K7Ω	
R1258	ERJ6GEYJ822	S.M.CARB 0.1W	5% 8K2Ω	
R1259	ERJ6GEYJ562	S.M.CARB 0.1W	5% 5K6Ω	
R1260	ERJ6GEYJ101	S.M.CARB 0.1W	5% 100Ω	
R1261	ERJ6GEYJ472	S.M.CARB 0.1W	5% 4K7Ω	
R1262	ERJ6GEYJ123	S.M.CARB 0.1W	5% 12KΩ	
R1263	ERJ6GEYJ221	S.M.CARB 0.1W	5% 220Ω	
R1264	ERJ6GEYJ681	S.M.CARB 0.1W	5% 680Ω	
R1266	ERJ6GEYJ222	S.M.CARB 0.1W	5% 2K2Ω	
R1267	ERJ6GEYJ222	S.M.CARB 0.1W	5% 2K2Ω	
R1268	ERJ6GEYJ223	S.M.CARB 0.1W	5% 22KΩ	
R1269	ERJ6GEYJ392	S.M.CARB 0.1W	5% 3K9Ω	
R1270	ERJ6GEYJ101	S.M.CARB 0.1W	5% 100Ω	
R1271	ERJ6GEYJ392	S.M.CARB 0.1W	5% 3K9Ω	
R1272	ERJ6GEYJ471	S.M.CARB 0.1W	5% 470Ω	
R1273	ERJ6GEYJ473	S.M.CARB 0.1W	5% 47KΩ	
R1275	ERJ6GEYJ104	S.M.CARB 0.1W	5% 100KΩ	
R1276	ERJ6GEYJ103	S.M.CARB 0.1W	5% 10KΩ	
R1277	ERJ6GEYJ103	S.M.CARB 0.1W	5% 10KΩ	
R1278	ERJ6GEYJ823	S.M.CARB 0.1W	5% 82KΩ	
R1279	ERJ6GEYJ184	S.M.CARB 0.1W	5% 180KΩ	
R1280	ERJ6GEYOR00	WIRE LINK		
R1281	ERJ6GEYJ683	S.M.CARB 0.1W	5% 68KΩ	
R1282	ERJ6GEYJ101	S.M.CARB 0.1W	5% 100Ω	
R1283	P1201	SENSOR		
R1284	ERJ6GEYJ102	S.M.CARB 0.1W	5% 1KΩ	
R1285	ERJ6GEYOR00	WIRE LINK		
R1287	ERJ6GEYJ473	S.M.CARB 0.1W	5% 47KΩ	
R1288	ERJ6GEYJ334	S.M.CARB 0.1W	5% 330KΩ	
R1289	ERJ6GEYJ102	S.M.CARB 0.1W	5% 1KΩ	
R1291	ERJ6GEYJ101	S.M.CARB 0.1W	5% 100Ω	
R1292	ERJ6GEYJ103	S.M.CARB 0.1W	5% 10KΩ	
R1293	ERJ6GEYJ153	S.M.CARB 0.1W	5% 15KΩ	
R1294	ERJ6GEYOR00	WIRE LINK		
R1296	ERJ6GEYOR00	WIRE LINK		
R1297	ERJ6GEYOR00	WIRE LINK		
R1299	ERJ6GEYOR00	WIRE LINK		
R3101	ERJ6GEYJ101	S.M.CARB 0.1W	5% 100Ω	
R3102	ERJ6GEYJ750	S.M.CARB 0.1W	5% 75Ω	
R3103	ERJ6GEYJ272	S.M.CARB 0.1W	5% 2K7Ω	

TX-14S2T / TC-14S2R

Ref No.	Part No.	Description
R3105	ERDS1TJ101	CARBON 0.5W 5% 100Ω
R3106	ERDS1TJ750	CARBON 0.5W 5% 75Ω
R3108	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R3109	ERJ6GEYJ750	S.M.CARB 0.1W 5% 75Ω
R3112	ERJ6GEYJ750	S.M.CARB 0.1W 5% 75Ω
R3115	ERJ6GEYJ750	S.M.CARB 0.1W 5% 75Ω
R3116	ERJ6GEYJ750	S.M.CARB 0.1W 5% 75Ω
R3117	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R3118	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R3120	ERJ6GEYJ103	S.M.CARB 0.1W 5% 10KΩ
R3121	ERJ6GEYJ221	S.M.CARB 0.1W 5% 220Ω
R3122	ERJ6GEYJ104	S.M.CARB 0.1W 5% 100KΩ
R3123	ERJ6GEYJ393	S.M.CARB 0.1W 5% 39KΩ
R3124	ERJ6GEYJ562	S.M.CARB 0.1W 5% 5K6Ω
R3125	ERJ6GEYJ562	S.M.CARB 0.1W 5% 5K6Ω
R3126	ERJ6GEYJ273	S.M.CARB 0.1W 5% 27KΩ
R3127	ERJ6GEYJ221	S.M.CARB 0.1W 5% 220Ω
R3128	ERJ6GEYJ221	S.M.CARB 0.1W 5% 220Ω
R3131	ERJ6GEYJ562	S.M.CARB 0.1W 5% 5K6Ω
R3132	ERJ6GEYJ562	S.M.CARB 0.1W 5% 5K6Ω
R3134	ERJ6GEYJ222	S.M.CARB 0.1W 5% 2K2Ω
R3137	ERJ6GEYJ221	S.M.CARB 0.1W 5% 220Ω
R3301	ERJ6GEYJ681	S.M.CARB 0.1W 5% 680Ω
R3302	ERJ6GEYJ331	S.M.CARB 0.1W 5% 330Ω
R3303	ERJ6GEYJ331	S.M.CARB 0.1W 5% 330Ω
R3304	ERJ6GEYJ331	S.M.CARB 0.1W 5% 330Ω
R3305	ERJ6GEY0R00	WIRE LINK
R3306	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R3308	ERJ6GEYJ221	S.M.CARB 0.1W 5% 220Ω

Ref No.	Part No.	Description
R3309	ERJ6GEYJ223	S.M.CARB 0.1W 5% 22KΩ
R3310	ERJ6GEYJ223	S.M.CARB 0.1W 5% 22KΩ
SWITCHES		
S301	EVQRBAL10	SWITCH
S451	EVQRDSL12	SWITCH
S801	ESB91232A	SWITCH
S1202	EVQPB105K	SWITCH
S1203	EVQPB105K	SWITCH
S1204	EVQPB105K	SWITCH
S1205	EVQPB105K	SWITCH
S1206	EVQPB105K	SWITCH
TRANSFORMERS		
T201	EIS7ES710B	TRANSFORMER
T551	ETH19Z169AZ	TRANSFORMER
T552	ZTFK33001A	F.B.T.
T801	ETS35AA1S7AC	TRANSFORMER
FILTERS		
X101	F1045A	FILTER
X103	EFCV4155A3	CERAMIC FILTER
X203	EFC6S6R0MS5	FILTER
X301	EFCWS6004T	CERAMIC FILTER
X601	TSS116M6	CRYSTAL
X1201	EFOEC6004A4	FILTER

DIFFERENCE LIST FOR TX-14S2T

Ref No.	Part No.	Description
MISCELLANEOUS COMPONENTS		
12)	TBM8E1498	REAR COVER LABEL
13)	TNP8EE004CA	E P.C.B.
14)	TNP8ET001AD	T P.C.B.
15)	TNQ8E0461-1	REMOTE CONTROL
CAPACITORS		
C3501	ECEA1CU470	ELECT 16V 47μF
C3502	ECUV1H104ZFW	S.M. CAP 50V 100nF
C3503	ECUV1H103ZFX	S.M. CAP 50V 10nF
C3504	ECUV1H221JX	S.M. CAP 50V 220pF
C3505	ECUV1H150JCX	S.M. CAP 50V 15pF
C3506	ECUV1H221JX	S.M. CAP 50V 220pF
C3507	ECUV1H150JCX	S.M. CAP 50V 15pF
C3508	ECEA1CN100	ELECT 16V 10μF
C3509	ECEA1CU471	ELECT 16V 470μF
C3510	ECUV1H103ZFX	S.M. CAP 50V 10nF
C3511	ECEA1CN100	ELECT 16V 10μF
C3512	ECEA1CN100	ELECT 16V 10μF
C3513	ECUV1H104ZFW	S.M. CAP 50V 100nF
C3514	ECEA1CU470	ELECT 16V 47μF
C3515	ECEA1CN100	ELECT 16V 10μF
C3516	ECEA1HU2R2	ELECT 50V 2.2μF
C3517	ECUV1H104ZFW	S.M. CAP 50V 100nF
C3519	ECEA1CN220	ELECT 16V 22μF
C3520	ECUV1H103ZFX	S.M. CAP 50V 10nF
C3521	ECEA0JU101	ELECT 6.3V 100μF
C3523	ECUV1H104ZFX	S.M. CAP 50V 100nF
C3524	ECUV1H103ZFX	S.M. CAP 50V 10nF
C3526	ECUV1H103ZFX	S.M. CAP 50V 10nF
C3527	ECA1AM221GB	ELECT 10V 220μF
C3531	ECUV1H104ZFW	S.M. CAP 50V 100nF
C3532	ECUV1H104ZFW	S.M. CAP 50V 100nF
C3533	ECUV1H104ZFW	S.M. CAP 50V 100nF
C3534	ECEA1CU101	ELECT 16V 100μF
C3535	ECUV1H103ZFX	S.M. CAP 50V 10nF

Ref No.	Part No.	Description
C3536	ECUV1H104ZFW	S.M. CAP 50V 100nF
C3537	ECUV1H104ZFW	S.M. CAP 50V 100nF
C3538	ECUV1H104ZFW	S.M. CAP 50V 100nF
C3539	ECEA1CU100	ELECT 16V 10μF
C3540	ECEA1CN470	ELECT 16V 47μF
C3541	ECEA1CU471	ELECT 16V 470μF
C3542	ECEA1CU221	ELECT 16V 220μF
C3543	ECUV1H104ZFW	S.M. CAP 50V 100nF
C3544	ECUV1H103ZFX	S.M. CAP 50V 10nF
C3545	ECUV1H470JCX	S.M. CAP 50V 47pF
C3577	ECUV1H223KBX	S.M. CAP 50V 22nF
DIODES		
D3503	MA165TA5	DIODE
D3505	MA165TA5	DIODE
D3506	MA165TA5	DIODE
D3507	MA165TA5	DIODE
D3508	MA165TA5	DIODE
D3509	MA165TA5	DIODE
D3510	MA165TA5	DIODE
D3515	MA165TA5	DIODE
INTEGRATED CIRCUITS		
IC3502	CF70204NW	TEXT PROCESSOR
IC3503	L78M05MRB	5V REGULATOR
IC3504	LA7222-TV	SWITCHING
IC3505	AN5862K	SWITCHING
IC3506	MN1280R	RESET
SOCKETS/TERMINALS/LINK WIRES		
JC113	ERJ6GEY0R00	WIRE LINK
JC114	ERJ6GEY0R00	WIRE LINK
JC115	ERJ6GEY0R00	WIRE LINK
JC116	ERJ6GEY0R00	WIRE LINK
JC117	ERJ6GEY0R00	WIRE LINK
JC118	ERJ6GEY0R00	WIRE LINK

Ref No.	Part No.	Description
JC119	ERJ6GEY0R00	WIRE LINK
JC120	ERJ6GEY0R00	WIRE LINK
JC121	ERJ6GEY0R00	WIRE LINK
JC122	ERJ6GEY0R00	WIRE LINK
JC123	ERJ6GEY0R00	WIRE LINK
JC124	ERJ6GEY0R00	WIRE LINK
JC125	ERJ6GEY0R00	WIRE LINK
JC126	ERJ6GEY0R00	WIRE LINK
JC128	ERJ6GEY0R00	WIRE LINK
JC130	ERJ6GEY0R00	WIRE LINK
JC131	ERJ6GEY0R00	WIRE LINK
JC191	ERJ6GEY0R00	WIRE LINK
JC192	ERJ6GEY0R00	WIRE LINK
JST106	ERJ6GEY0R00	WIRE LINK
JST110	ERJ6GEY0R00	WIRE LINK
JST111	ERJ6GEY0R00	WIRE LINK
JST114	ERJ8GEY0R00	WIRE LINK

COILS

L3501	TLT100K991R	COIL
L3503	TLT100K991R	COIL
L3504	TLT100K991R	COIL
L3505	TLT100K991R	COIL

TRANSISTORS

Q3503	BC847B	TRANSISTOR
Q3504	BC847B	TRANSISTOR
Q3505	BC847B	TRANSISTOR
Q3506	BC847B	TRANSISTOR
Q3508	BC857B	TRANSISTOR
Q3509	BC847B	TRANSISTOR
Q3510	BC847B	TRANSISTOR
Q3511	DTC144EKT146	TRANSISTOR
Q3512	BC847B	TRANSISTOR
Q3513	BC847B	TRANSISTOR
Q3514	BC847B	TRANSISTOR
Q3515	BC847B	TRANSISTOR

RESISTORS

R568	ERQ12HJ8R2	METAL	0.5W	5%	8R2Ω	Δ
R3501	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ	
R3502	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ	
R3503	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ	
R3504	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KΩ	
R3505	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6Ω	
R3506	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220Ω	
R3507	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220Ω	
R3508	ERQ14AJ100	METAL	0.25W	5%	10Ω	Δ
R3509	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220Ω	
R3510	ERJ6GEY0R00	WIRE LINK				
R3513	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KΩ	
R3514	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ	
R3515	EVNDXAA03B24	CONTROL			20KΩ	

Ref No.	Part No.	Description
R3516	ERJ6GEYJ123	S.M.CARB 0.1W 5% 12KΩ
R3517	ERJ6GEYJ104	S.M.CARB 0.1W 5% 100KΩ
R3521	ERJ6GEYJ153	S.M.CARB 0.1W 5% 15KΩ
R3522	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R3523	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R3524	ERJ6GEYJ332	S.M.CARB 0.1W 5% 3K3Ω
R3525	ERJ6GEYJ470	S.M.CARB 0.1W 5% 47Ω
R3526	ERJ6GEYJ470	S.M.CARB 0.1W 5% 47Ω
R3527	ERJ6GEYJ470	S.M.CARB 0.1W 5% 47Ω
R3529	ERJ6GEYJ222	S.M.CARB 0.1W 5% 2K2Ω
R3530	ERJ6GEYJ152	S.M.CARB 0.1W 5% 1K5Ω
R3531	ERJ6GEYJ152	S.M.CARB 0.1W 5% 1K5Ω
R3532	ERJ6GEYJ152	S.M.CARB 0.1W 5% 1K5Ω
R3534	ERJ6GEYJ181	S.M.CARB 0.1W 5% 180Ω
R3535	ERJ6GEYJ181	S.M.CARB 0.1W 5% 180Ω
R3536	ERJ6GEYJ181	S.M.CARB 0.1W 5% 180Ω
R3537	ERD25TJ102	CARBON 0.25W 5% 1KΩ
R3538	ERJ6GEYJ681	S.M.CARB 0.1W 5% 680Ω
R3539	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R3540	ERJ6GEYJ103	S.M.CARB 0.1W 5% 10KΩ
R3541	ERD25TJ682	CARBON 0.25W 5% 6K8Ω
R3543	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R3545	ERJ6GEYJ222	S.M.CARB 0.1W 5% 2K2Ω
R3546	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R3547	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R3548	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R3549	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R3550	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R3551	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R3552	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R3553	ERJ6GEYJ221	S.M.CARB 0.1W 5% 220Ω
R3554	ERJ6GEYJ121	S.M.CARB 0.1W 5% 120Ω
R3555	ERJ6GEYJ181	S.M.CARB 0.1W 5% 180Ω
R3556	ERJ6GEYJ223	S.M.CARB 0.1W 5% 22KΩ
R3557	ERJ6GEYJ331	S.M.CARB 0.1W 5% 330Ω
R3558	ERJ6GEYJ561	S.M.CARB 0.1W 5% 560Ω
R3559	ERJ6GEYJ561	S.M.CARB 0.1W 5% 560Ω
R3560	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R3561	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R3562	ERJ6GEYJ822	S.M.CARB 0.1W 5% 8K2Ω
R3563	ERJ6GEYJ183	S.M.CARB 0.1W 5% 18KΩ
R3564	ERJ6GEYJ242	S.M.CARB 0.1W 5% 2K4Ω
R3565	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R3566	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R3569	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R3571	ERJ6GEYJ153	S.M.CARB 0.1W 5% 15KΩ
R3572	ERJ6GEYJ153	S.M.CARB 0.1W 5% 15KΩ
R3575	ERJ6GEYJ473	S.M.CARB 0.1W 5% 47KΩ
R3576	ERJ6GEYJ473	S.M.CARB 0.1W 5% 47KΩ
R3577	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R3581	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R3582	ERJ6GEYJ472	S.M.CARB 0.1W 5% 4K7Ω

FILTERS

X3501	TSS2004-M	CRYSTAL
-------	-----------	---------

DIFFERENCE LIST FOR TC-14S2R

Ref No.	Part No.	Description
MISCELLANEOUS COMPONENTS		
12)	TBM8E1501	REAR COVER LABEL
13)	TNP8EE004CB	E P.C.B. Δ
15)	TNQ8E0460	REMOTE CONTROL

Ref No.	Part No.	Description
RESISTORS		
R1215	ERO25CKF9531	METAL 0.25W 1% 9K53Ω Δ

799